

SEQUENCES

SEQ ID	Clone ID Name	Sequence
SEQ ID NO:1	Round 1 (R1) CD28BP-71 (Clone 71)	ATGGGTACACAATGAAGTGGGATCACTACCACCCAAAGGCCCATGCCTCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCAGGATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGAAAAGGATAGTAAAATGGTGTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCC TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCTACCAAAATGATCTGGAAATCCATCTCTAAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGGCCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACACTGCCCAGATCTGAAACCAAGCTCTACATGATTA GCAGTGAACACTGGATTCAACATGACAAGCAATCACAGCTTGTGTTGCAAGTATGG AGACTAACAGTGTACAGACCTCTACTGGCAAGAATCCAACCCCTCTGCTAAT CAGCACCTGACCTGGACCAATTATCCCAGTCTCAGCATTGGGATTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAAGAACGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAGTGTCTCAGTCTCCATGA
SEQ ID NO:2	Round 1 CD28BP-84 (Clone 84)	ATGGGCCACACGCTGAGGCCGGAACTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTGGCGCTGGCGGGCTCCACTTCTCTTCAGGTATGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGCTCTGTGATTACAACATTCTATCGATGAACTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTGGCAAGTGGAG TGTGGCCTGAGTACAAGAACCGCACCTCCCCGACATCATTAAACAACCTCTCCCTTATGAT CCTGGCACTGCCCTGTCGGACAAGGGCACCTACACCTGCGTGGTTAGAAGAATGAGAAC GGGTCTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTCCCC TCCCTAGCATAACTGACATGGACATCCGCCCTAATGTGAAAGGATAAGATGCTCCGC CTCTGGAGGTTTCCAGAGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCAGCAGTGA ATTTCAATGTGACAATAACCACAGCATCGTGTCTCATCAAATACGGGGAGCTGCGGT GTCACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGATCAGCTCCATT TGGGTATTATCCCAGTAAGTGGTGTGCTACTGCGTAGTTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGACAGTGGGAACTGA AAGGCTGTCCCCATCTACTTAGGCTCTGCACATCCTCGGGCTGA
SEQ ID NO:3	Round 1 CD28BP-118 (Clone 118)	ATGGGCCACACGCTGAGGCCGGAACTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTGGCGCTGGCGGGCTCCACTTCTCTTCAGGTATGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGCTCTGTGATTACAACATTCTATCGATGAACTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTGGCAAGTGGAG TGTGGCCTGAGTACAAAAACCGCACCTCCCCGACATCATTAAACAACCTCTCCCTTATGAT CCTGGCACTGCCCTGTCGGACAAGGGCACCTACACCTGCGTGGTTAGAAGAATGAGAAC GGGTCTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTCCCC TCCCTAGCATAACTGACATGGACATCCGCCCTAATGTGAAAGGATAAGATGCTCCGC CTCTGGAGATTTCCAGAGCCTCGCCTGGATGGAAGATGGAGAAGAACTAAACGCC GTCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCAGCAGTGA ATTTCAATGTGACAATAACCACAGCATCGTGTCTCATCAAATACGGGGAGCTGCGGT GTCACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGATCAGCTCCATT TGGGTATTATCCCAGTAAGTGGTGTGCTACTGCGTAGTTCTACTGCCTGG CCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGACAGTGGGAACTGA AAGGCTGTCCCCATCTACTTAGGCTCTGCACATCCTCGGGCTGA
SEQ ID NO:4	Round 1 CD28BP-126 (Clone 126)	ATGGGTACACAATGAAGTGGGATCACTACCACCCAAAGGCCCATGCCTCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCAGGATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGAAAAGGATAGTAAAATGGTGTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCC TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGATTGAAAGGGCTTATAAACTGGAGCACCTGACTTCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCAAAATGATCTGGAAATCCATCTCTAAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGGCCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAGTTCCCAAGATCCTGGAACGTGAGCTACATGATTA

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		GCAGTGAACGGATTCAATGTGACAAATAACCACAGCATCGTGTCTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCCATTGAT CAGCTCCATTCTGGGTCTTATGCCAGTAAGTGGTGTGCTACTGCGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGTCCCCATCTACTTAGGCTCTCGCGCAATCCTCGGGCTGA
SEQ ID NO: 5	Round 2 (R2) CD28BP-1	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTCAGGCATACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAAGTCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTCAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACAAACACTGTCACAGATCTGAAACCAAGCTCTACATGATTA GCAGTGAACGGATTCAATGTGACAAATAACCCAGCATCGTGTCTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCCCCATTGAT CAGCTCCATTCTGGGTCTTATCCCAGTAAGTGGTGTGCTACTGCGGTAGTT TCTACCGCCCGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGTCCCCATCTACTTAGGCTCTCGCGCAATCCTCGGGCTGA
SEQ ID NO: 6	Round 2 CD28BP-2	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTCAGGCATACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAAGTCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTCAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACAAACAGTTCCCAAGATCTGGAACGACTGAGCTCTACATGATTA GCAGTGAACGGATTCAATGTGACAAATAACCCAGCATCGTGTCTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCTTATCCCAGTAAGTGGTGTGCTACTGCGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGTCCCCATCTACTTAGGCTCTCGCGCAATCCTCGGGCTGA
SEQ ID NO: 7	Round 2 CD28BP-3	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTCAGGCATACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAAGTCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTCAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACAAACAGTTCCCAAGATCTGGAACGACTGAGCTCTACATGATTA GCAGTGAACGGATTCAATGTGACAAATAACCCAGCATCGTGTCTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCTTATCCCAGTAAGTGGTGTGCTACTGCGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGTCCCCATCTACTTAGGCTCTCGCGCAATCCTCGGGCTGA
SEQ ID NO: 8	Round 2 CD28BP-4	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTCAGGCATACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAAGTCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTCAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTGCTGGTTGGAAAATGGAGAA

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		GAATTAATGCTACCAACACAACAGTTCCAAGATCCTGGAAC TGAGCTCATGATTAGCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCATCGTGTCTCATCAAATACGGGGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTCCATTCTGGGTCAATTATCCCAGTAAGTGGTCTTGGTGC ACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 9	Round 2 CD28BP-5	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTCTCAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGCGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGCGTGGTTAAGCAGAG CCTGTTTGAAAGGGGCTTATAAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCATACATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTCCAAGATCCTGGAAC TGAGCTCATGATTAGCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCATCGTGTCTCATCAAATACGGGGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTCCATTCTGGGTCAATTATCCCAGTAAGTGGTCTTGGTGCCTACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 10	Round 2 CD28BP-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTCTCAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGCGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGCGTGGTTAAGCAGAG CCTGTTTGAAAGGGGCTTATAAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCATACATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTCCAAGATCCTGGAAC TGAGCTCATGATTAGCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCATCGTGTCTCATCAAATACGGGGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTCCATTCTGGGTCAATTATCCCAGTAAGTGGTCTTGGTGCCTACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 11	Round 2 CD28BP-7	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTCTCAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGCGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGCGTGGTTAAGCAGAG CCTGTTTGAAAGGGGCTTATAAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCATACATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACAGTTCCAAGATCCTGGAAC TGAGCTCATGATTAGCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCATCGTGTCTCATCAAATACGGGGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTCCATTCTGGGTCAATTATCCCAGTAAGTGGTCTTGGTGCCTACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 12	Round 2 CD28BP-8	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTCTCAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGCGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGCGTGGTTAAGCAGAG CCTGTTTGAAAGGGGCTTATAAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCATACATAACTGACATTGGACATCCCGCCCCTAATGTGAAAAGGAT

		AAGATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGCCTGCCCTGGATGGAAGATGGAGAA GAAC TAAACGCCGTCAACACGACGGT GACCAGGATTGGACACGGAGCTCTACAGCGTCA GCAGTGA ACTGGATTCCAATGTGACA AATAACCACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTCA CAGATCTCCCTTGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCA TTATCCCAGTAAGTGGTCTTGGTCTACTGCGGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:13	Round 2 CD28BP-9	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCCTGGCTCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AA GTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCGCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCACATAAATGATCTGGAAATCCATCTCTAATATCAAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAACTGTCCCAAGATCTGGAACTGAGCTCTACATGATTA GCAGTGA ACTGGATTCAATGTGACA AATAACCCACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTCA CAGATCTCCCTTGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCA TTATCCCAGTAAGTGGTCTTGGTCTACTGCGGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:14	Round 2 CD28BP-10	ATGGGTACACAAATGAAGTGGC GATCACTACCACCCAAGCGCCCATGCCCTGGCTCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACGACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AA GTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCGCCTGCGACAGGGCACCTACACCTGCGTGGTTCAAAG AATGAGAACGGGTCTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCTAGCATTA CTGACATTGGACATCCCGCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGCCCTGGATGGAAGATGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCAGCA GTGAACTGGATTCAATGTGACA AATAACCCACAGCATCGTGTCTCATCAAATACGGGGA GCTGTCGGTGTCA CAGATCTCCCTTGAGCAAACCCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGGTCA TTATCCCAGTAAGTGGTCTTGGTCTACTGCGGTAGTTCTCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAATGAAGAGACAGT GGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:15	Round 2 CD28BP-11	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCCTGGCTCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACGACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AA GTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCGCCTGCGACAGGGCACCTACACCTGCGTGGTTCAAAG AATGAGAACGGGTCTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCTAGCATTA CTGACATTGGACATCCCGCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGCCCTGGATGGAAGATGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCAGCA GTGAACTGGATTCAATGTGACA AATAACCCACAGCATCGTGTCTCATCAAATACGGGGA GCTGTCGGTGTCA CAGATCTCCCTTGAGCAAACCCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGGTCA TTATCCCAGTAAGTGGTCTTGGTCTACTGCGGTAGTTCTCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAATGAAGAGACAGT GGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:16	Round 2 CD28BP-12	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCCTGGCTCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACGACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AA GTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCGCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG

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		CTGACTTCCCTGTCCTTACCATAAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCAACCTACTGGTGAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTCCAAGATCTGGAACTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCAGTCGTGTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTTCAGTCAGCGGTAGTTC TCTACTGCCCTGGCTGCAGACATGTTGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:17	Round 2 CD28BP-13	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACTAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGGCCCTGCGGACAGTGGCACCTACACCTGTGTTATTCAAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCCCTACCATAAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAGAGCCCTGCGCTGGATGGAAGATGGAGAA GAACTAACGCCGTCAACACGACGGTGTGACAGGATTGGACACGGAGCCTACAGCGTC GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCAGTCGTGTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTTCAGTCAGCGGTAGTTC TCTACTGCCCTGGCTGCAGACATGTTGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:18	Round 2 CD28BP-14	ATGGGCCACACGCTGAGGCCGGAACTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTTGGCGCTGGCGGGCTCCACTTCTCTCAGGTATCAGCCAGGTCAACAAAGTCGGT GAAAGAAATGGCGGCACTGCTCTGTGATTACAACATTCTATCGATGAACTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCATCATCTGGCAAGTGGAG TGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCGTATTGTGAT CCTGGCTCTGCCCTGCGGACAGTGGCACCTACACCTGTGTTATTCAAGAAGCTGTTTG AAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGACCTGACTTCC CTGCTCTTACCATAAATGATCTGGAAATCCATCTCTAATATCAGAAGGCTAATTGCTC AACCTCTGGAGGTTTCCAAGGCCAACCTCTACTGGTTGGAAAATGGAGAAGAATTAAAT GCTACCAACACACAGTTCCAAGATCCTGGAACTGAGCTCTACATGATTAGCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCAGTCGTGTCATCAAATACGGGAGCTGTC GGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAGCTCCA TTCTGGGTCAATTATCCCAGTAAGTGGTGTTCAGTCAGCGGTAGTTCTACTGCCC TGGCCTGCAGACATGTTGAGGTGGAAAAGAACAAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:19	Round 2 CD28BP-15	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCCCTGCGGACAGTGGCACCTACACCTGTGTTATTCAAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCTACCATAAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCAACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAAGTTCAGATCTGGAACTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCAATGTGACAAATAACCACAGCAGTCGTGTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTTCAGTCAGCGGTAGTTC TCTACTGCCCTGGCTGCAGACATGTTGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:20	Round 2 CD28BP-16	ATGGGTACACAAATGAAGTGGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCACTGCCCTGCGGACAGTGGCACCTACACCTGTGTTATTCAAGAAG

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		CCTGTTTGAAGGGCTTATAAACCTGGAGCACCTGACTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAAATGATCTGGAAATCCATCTCTAAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTCCAAGGCCACCTACTGGTGAAATGGAGAA GAATTAATGCTACCAACACAACAGTTCCAAGATCTGGACTGAGCTCTACATGATTA GCAGTGAACCTGGATTTCATGTGACAAATAACCACAGCAGTCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGTCAATTCCCAGTAAGTGGTGTCTGGTGTGCGTGGTAGTT TCTACTGCCTGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAGAACAGAACAG AGTGGAACTGAAAGGCTGTCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:21	Round 2 CD28BP-17	ATGGGTACACAAATGAAGTGGGGATCACTACCACCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTCAGGCATCCCCAAAGAGTGTGAC CAAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGGTGTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGACTACAAAAACGCACCTCCCCGACATCATTAACAACCTCTC CCTTATGATCTGGCACTGCGCTGCGACAAGGGCACCTACACCTGCGTGGTTCAGAAG AATGAGAACGGGTCTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCTGTCCTAGCATAACTGACATTGGACATCCCCTCCATTGTGAAAAGGATAAG ATGCTCCGCCTCCGGAGATTTCAGAGCCTCGCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCACACAGCAGGGTGTGACAGGATTGGACACGGCTCTACAGCGTCAGCA GTGAACCTGGATTCAATGTGACAAATAACCACAGCATGTCGTCTCATCAAATACGGGG GCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGTCAATTCCCAGTAAGTGGTGTCTGGTGTGCGTGGTAGTTCTC ACTGCCTGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAGAACAGAACAG GGAACTGAAAGGCTGTCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:22	Round 1 (R1) CTLA4BP-5	ATGGGCCACACACGGAGGCAGGGAAATATCACCACCAAGTGTCCATACCTCAAGTTCTTC AGCTCTGGTGTGGCTGGCTTCTCACTTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAGGAGAAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAAACCTCTCCATTGT GATTCTGGCTCTGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACACAGTTCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTTCATGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCAT CCTGGGCCATTACCTAACCTGAAATGGAATTGGTGTGATATGCTGCGTGCACCT ACTGCTTGGCCCAAGATGCAGAGAGAGAGAGGAGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:23	Round 1 CTLA4BP-7	ATGGGCCACACACGGAGGCAGGGAAATATCACCACCAAGTGTCCATACCTCAATTCTTC AGCTCTGGTGTGGCTGGCTTCTCATTCTGTTCAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGGAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAAACCTCTCCATTGT GATTCTGGCTCTGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGGGAACACCTGGCTGAAGTGACGTTATCAGTCAGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACACAGTTCCAAGATCCTGAACTGAGCTCTATGCTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTTCATGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCAT CCTGGGCCATTACCTAACCTGAAATGGAATTGGTGTGATATGCTGCGTGCACCT ACTGCTTGGCCCAAGATGCAGAGAGAGAGAGGAGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:24	Round 1 CTLA4BP-11	ATGAGGCCACACACGGAGGCAGGGAAACATCACCACCAAGTGTCCGTACCTCAAGTTCTTC AGCTCTGGTGTGGCTAGTCTTCTCACTTCTGTTCAGGTGTTATCCACATGACCAAGGA AGTGAAGAAGTGGCAACACTGTCCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGAGAAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAAACCTCTCCATTGT

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		GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAGCTGACTTCC CTACACCTAGTATAACTGACTTGAAGATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGCTCCAAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCACAGCTGAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTCTGATAACCTGCTC CCATCCTGGGCCATTACCTAACCTGAAATGGAAATTGTGATATGCTGCCTGACCC ACTGTTGCCCCAAGATGCAGAGAGAAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACACCTGTATGA
SEQ ID NO:25	Round 1 CTLA4BP- 13	ATGGGCCACACACGGAGGCAGGGAAATATCACCACCTCAAGTGTCCATACCTCAAGTTCTTC AGCTCTGGTCTGGCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCAGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGAGAACACCTGGCTGAAGTGATGTTATCCGTCAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCACCTCTAACATTAGAAGGATAATTGCTC AACCTCCGGAGGTTTCTGACGCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAGCCAATCACAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTCTGATAACCTGCTC CCATCCTGGGCCATTACCTAACCTGAAATGGAAATTGTGATATGCTGCCTGACCC ACTGTTGCCCCAAGATGCAGAGAGAAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACACCTGTATGA
SEQ ID NO:26	Round 1 CTLA4BP- 27	ATGAGCCACACACGGAGGCAGGGAAATATCACCACCTCAAGTGTCCATACCTCAATTCTTC AGCTCTGGTCTGGCTAGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCAGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCTGACGCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAGCCAATCACAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTCTGATAACCTGCTC CCATCCTGGGCCATTACCTAACCTGAAATGGAAATTGTGATATGCTGCCTGACCC ACTGTTGCCCCAAGATGCAGAGAGAAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT ACACCTGTATGA
SEQ ID NO:27	Round 2 CTLA4BP- 5x2-10c	ATGGGCCACACACGGAGGCAGGGAAATATCACCACCAAGTGTCCATACCTCAATTCTTC AGCTCTGGTCTGGCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACTAAGGA AGTGAAGAAGTGGCAACACTGCTCTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCAGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGGGAACACCTGGCTGAAGTGATGTTATCCGTCAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCTGACGCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAGCCAATCACAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTCTGATAACCTGCTC CCATCCTGGGCCATTACCTAACCTGAAATGGAAATTGTGATATGCTGCCTGACCC ACTGTTGCCCCAAGATGCAGAGAGAAGGAGAAGGAATGAGACACTGAGAAGGGAAAGTGT CCCTGTATGA
SEQ ID NO:28	Round 2 CTLA4BP- 5x2-11d	ATGAGCCACACACGGAGGCAGGGAAATATCACCACCTCAAGTGTCCATACCTCAAGTTCTTC AGCTCTGGTCTGGCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCAGGGACATGA

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		ATATATGGCCCGAGTACAAGAACCGGACCATTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCGAGAACACCTGGCTGAAGTGTATCCGTCAGACTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGGAAGAATTAAAT GCCATCAACACACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTCTGATAACCTGCTC CCATCCTGGCCATTACCTTAATCTCAGCAAATGGAATTGTTGATATGCTGCCGTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAA
SEQ ID NO: 29	Round 2 CTLA4BP- 5x2-12F	ATGAGCCACACACGGAGGCAGGGAAATATCACCCTCAAGTGTCCGTACCTCAAGTTCTTC AGCTCTTGGTCTGGCTAGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAAGAAAATGGTGTGACTATGATGTCCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCGGGAACACACCTGGCTGAAGTGTATCCGTCAGACTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTCTGATAACCTGCTC CCATCCTGGCCATTACCTTAATCTCAGCAAATGGAATTGTTGATATGCTGCCGTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAA
SEQ ID NO: 30	Round 2 CTLA4BP- 5x2-2g	ATGGGCCACACACGGAGGCAGGGAAACATCACCCTCAAGTGTCCGTACCTCAAGTTCTTC AGCTCTTGGTCTGGCTTGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAAGAAAATGGTGTGACTATGATGTCCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCGGGAACACACCTGGCTGAAGTGTATCCGTCAGACTCC CTACACCTAGTATAACTGACTTTGAAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTCTGATAACCTGCTC CCATCCTGGCCATTACCTTAATCTCAGCAAATGGAATTGTTGATATGCTGCCGTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGAA
SEQ ID NO: 31	Round 2 CTLA4BP- 5x2-3c	ATGGGCTACACACGGAGGCAGGGAAACATCACCCTCAAGTGTCCGTACCTCAAGTTCTTC AGCTCTTGGTCTGGCTTGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGG AGTGAAGAAGTGGCAACACTGCTCTGGCCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAAGAAAATGGTGTGACTATGATGTCCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCGGGAACACACCTAGCTGAAGTGTATCCGTCAGACTCC CTACACCTAGTATACTGACTTTGAAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTCTGATAACCTGCTC CCATCCTGGCCATTACCTTAATCTCAGCAAATGGAATTGTTGATATGCTGCCGTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATAAG
SEQ ID NO: 32	Round 2 CTLA4BP- 5x2-4c	ATGAGCCACACACGGAGGCAGGGAAACATCACCCTCAAGTGTCCGTACCTCAAGTTCTTC AGCTCTTGGTCTGGCTAGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA

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		ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACCGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGACGCTTCAAGCGGGAACACCTGGCTGAAGTGTATCCGTCAGGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCTGAGCCTCACCTCTGGCTGGAAAATGGGGAGAATTAAAT GGCATCAACACAACAGTTCCAAGATCCTGGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAATCAGTTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID NO: 33	Round 2 CTLA4BP- 5x2-7b	ATGAGGCCACACACGGAGGCAGGGAAATATCACCCTCAAGTGTCCATACCTCAAGTTCTTC GGCTCTTGGTGTGGCTAGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACCGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGAGAACACCTAGCTGAAGTGTACGTTATCAGTCAGGCTGTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCTGAGCCTCACCTCTGGCTGGAAAATGGAGAGGAATTAAAT GGCATCAACACAACAGTTCCAAGACCCCTGAAACTGAGCTCTATGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGTTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID NO: 34	Round 2 CTLA4BP- 5x2-8c	ATGAGGCCACACACGGAGGCAGGGAAACATCACCCTCAAGTGTCCATACCTCAAGTTCTTC AGCTCTTGGTGTGGCTAGTCTTCTCATTCTGTTCAAGGTGTTATCCACATGACCAAGGA AGTGAAGAAGTGGCAACCCCTGCTCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACCGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGAGAACACCTGGCTGAAGTGTATCCGTCAGGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCTGAGCCTCACCTCTGGCTGGAAAATGGAGAGGAATTAAAT GGCATCAACACAACAGTTCCAAGACCCCTGAAACTGAGCTCTATGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGTTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID NO: 35	Round 2 CTLA4BP- 5x3-10e	ATGGGCTACACACGGAGGCAGGGAAATATCACCCTCAAGTGTCCATACCTCAAGTTCTTC AGCTCTTGGTGTGGCTTGCTTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACCGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGACGCTTCAAGCGGGAACACCTGGCTGAAGTGTACGTTATCAGTCAGGCTGACTTCC CTACACCTAGTATATCTGACTTTGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCTGAGCCTCACCTCTGGCTGGAAAATGGAGAGGAATTAAAT GGCATCAACACAACAGTTCCAAGACCCCTGAAACTGAGCTCTATGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID NO: 36	Round 2 CTLA4BP-	ATGAGGCCACACACGGAGGCAGGGAAATATCACCCTCAAGTGTCCATACCTCAAGTTCTTC AGCTCTTGGTGTGGCTTGCTTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA

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	5x3-11b	AGTGAAGAAGTGGCAACGCTGTCCTGGTCACAATGTTCTGTTAAGAGCTAGCACAA ACTCGCATCTACTGGAAAAGGAGAACAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCCTCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCAGGGAACACCTAGCTGAAGTGACGTTACAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTTGAAATTCCACCTTCAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCAGCCTGACGAGGGAACACCTGGCTGGCTGGAAAATGGAGAACATTAAAT GCCATCAACACAACAGCTTCCAGCCTGAAACTGAGCTCTACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGGCCT ACCGCTTGCCCCAAGATGCAGAGAGAGAACAGCAATGAGAGACTGAGAAGGAAAGTGT ACGCCCTGTATGAA
SEQ ID NO:37	Round 2 CTLA4BP-5x3-6f	ATGGGCCACACACGGAGGCAGGGAAATATCACCCTCAAGTGTCCGTACCTCAATTCTTTC AGCTCTTGGTCTGGCTTCTCATCTGTTCACTCTGTCAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAACAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCCTCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCAGGGAACACCTGGCTGAAGTGACGTTGTCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCCACCTCTAAACATTAGAAGGATAATTGCTC AACCTCCGGAGGTTTCAGCCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA GCCATCAACACAACAGCTTCCAGCCTGAAACTGAGCTCTACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGGCCT ACCGCTTGCCCCAAGATGCAGAGAGAGAACAGCAATGAGAGACTGAGAAGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO:38	Round 2 CTLA4BP-5x4-11d	ATGGGCCACACACGGAGGCAGGGAAATATCACCCTCAAGTGTCCATACCTCAAGTCTTTC AGCTCTTGGTCTGGCTTCTCATCTGTTCACTCTGTCAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGCTCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAACAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCCTCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCAGGGAACACCTGGCTGAAGTGACGTTGTCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCCACCTCTAAACATTAGAAGGATAATTGCTC AACCTCCGGAGGTTTCAGCCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA GCCATCAACACAACAGCTTCCAGCCTGAAACTGAGCTCTACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGGCCT ACCGCTTGCCCCAAGATGCAGAGAGAGAACAGCAATGAGAGACTGAGAAGGAAAGTGT ACGCCCTGTATGAA
SEQ ID NO:39	Round 2 CTLA4BP-5x4-12c	ATGGGCCACACACGGAGGCAGGGAAACATCACCCTCAAGTGTCCATACCTCAAGTCTTTC AGCTCTTGGTCTGGCTTCTCATCTGTTCACTCTGTCAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACCGCTGTGCTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAACAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCCTCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCAGGGAACACCTGGCTGAAGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTTGAAATTCCACCTCTAAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCAGCCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA GCCATCAACACAACAGCTTCCAGCCTGAAACTGAGCTCTACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGGCCT ACCGCTTGCCCCAAGATGCAGAGAGAGAACAGCAATGAGAGACTGAGAAGGAAAGTGT ACGCCCTGTATGAA
SEQ ID	Round 2	ATGGGCCACACACGGAGGCAGGGAAACATCACCCTCAAGTGTCCATACCTCAAGTCTTTC

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NO: 40	CTLA4BP-5x4-1f	AGCTCTGGTATGGCTTCTCATTCTGTCAGGTGTTATCCACGTGACCAAGGA AGTAAAGAAGTGGCAACACTGTCCTGTTGACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCATCTGACGGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGAGAACACCTGGCTGAAGTGTATCCGCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGTGGAAAATGGGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGAGCTCTATGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCAAGCAAGAGCATTCTGATAACCTGCTC CCATCTGGCCATTACCTTAATCTCAGCAAATGGAATTGTGATATGCTGCCGTGACCC ACTGTTTGCCCCAAGATGCAGAGAGAGAAGGAGAATGAGAGACTGAGAAGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO: 41	Round 2 CTLA4BP-5x5-2e	ATGGGCCACACACGGAGGCAGGGAAATATCACCCTCAAGTGTCCATACCTCAAGTTCTTC AGCTCTGGTCTGGCTGGCTTCCTCATCTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTAAAGAAGTGGCAACACTGTCCTGTTGACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCATCTGACGGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAAGCGGGAACACCTGGCTGAAGTGTATCCGCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGTGGAAAATGGGAAGAATTAAAT GCCATCAGCACACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCAAGCAAGAGCATTCTGATAACCTGCTC CCATCTGGCCATTACCTTAATCTCAGCAAATGGAATTGTGATATGCTGCCGTGACCC ACTGTTTGCCCCAAGATGCAGAGAGAGAAGGAGAATGAGAGACTGAGAAGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO: 42	Round 2 CTLA4BP-5x5-6e	ATGGGCCACACACGGAGGCAGGGAAATATCACCCTCAAGTGTCCATACCTCAAGTTCTTC AGCTCTGGTCTGGCTGGCTTCCTCATCTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTAAAGAAGTGGCAACACTGTCCTGTTGACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCATCTGACGGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAAGCGGGAACACCTGGCTGAAGTGTATCCGCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGTGGAAAATGGGAAGAATTAAAT GCCATCAGCACACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAACCACAGCTCATGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCAAGCAAGAGCATTCTGATAACCTGCTC CCATCTGGCCATTACCTTAATCTCAGCAAATGGAATTGTGATATGCTGCCGTGACCC ACTGTTTGCCCCAAGATGCAGAGAGAGAAGGAGAATGAGAGACTGAGAAGGAAAGTGT ACGCCCTGTATGAC
SEQ ID NO: 43	Round 2 CTLA4BP-5x6-9d	ATGAGGCCACACACGGAGGCAGGGAAACATCACCCTCAAGTGTCCATACCTCAAGTTCTTC AGCTCTGGTCTGGCTGGCTTCCTCATCTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTAAAGAAGTGGCAACACTGTCCTGTTGACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGACATGA ATATATGGCCCGAGTACAAGAACCGGACCCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCATCTGACGGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGAGAACACCTGGCTGAAGTGTATCCGCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGTGGAAAATGGGAAGAATTAAAT GCCATCAGCACACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAGCAATCACAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCAAGCAAGAGCATTCTGATAACCTGCTC CCATCTGGCCATTACCTTAATCTCAGTAAATGGAATTGTGATATGCTGCCGTGACCC ACTGTTTGCCCCAAGATGCAGAGAGAGAAGGAGAATGAGAGACTGAGAAGGAAAGTGT ACGCCCTGTATGAT

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SEQ ID NO: 44	Round 2 CTLA4BP-5x8-1f	ATGGGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCGTACCTCAATTCTTTC AGCTCTTGGTGTGGCTTGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGGGAACACCTGGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGAACTGAGCTTATGTTAGCAGCAAC TGGATTCAATATGACAACCAACCACAGCTTCACTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTTGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCT CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGATATGCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 45	Round 2 CTLA4BP-5x9-12c	ATGGGCCACACACGGAGGCAGGGAAACATCACCATCCAAGTGTCCGTACCTCAATTCTTTC AGCTCTTGGTGTGGCTTGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGGGAACACCTGGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGAACTGAGCTTATGTTAGCAGCAAC TGGATTCAATATGACAACCAATCACAGTTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTTGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCT CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGATATGCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 46	Baboon B7-1	ATGGGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATACCTCAAGTCTTTC AGCTCTTGGTGTGGCTTGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAAGCGGGAACACCTGGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGAACTGAGCTTATGTTAGCAGCAAC TGGATTCAATATGACAACCAATCACAGTTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTTGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCT CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGATATGCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG
SEQ ID NO: 47	Orangutan B7-1	ATGGGCCACACACGGAGGCAGGGAAACATCACCATCCAAGTGTCCATACCTCAATTCTTTC AGCTCTTGGTGTGGCTAGTCTTCTCATTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATCCTGGCTCTGCGCCCATCTGACGAGGGCACATATGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCGGGAACACCTGGCTGAAGTGTGACGTTATGGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCCAACCTCTAATATTAGAAGGATGATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTCCAAGATCCTGAAACTGAGCTTATGTTAGCAGCAAC TGGATTCAATATGACAACCAACCACAGCTTCACTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTTGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCT CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGATATGCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGAG

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		ACGCCCTGTATGA
SEQ ID NO: 48	Round 1 CD28BP-71 (Clone 71)	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LY WLEN GE ELN ATNTT LSQ DP ET KLY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 49	Round 1 CD28BP-84 (Clone 84)	MGHTLRPGTPLPRCLHLKLCLLLAAGLFHSSGI SQVTKS VKE MAALSCDYNISIDE LARM RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK GSFR REH LSV T L SIRAD F PVPS IT DIGH PA PN V K RI CS AS GG FPE P RLA WME DGE ELNA VNT TVD QD LD T ELY SVS SEL DF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 50	Round 1 CD28BP-118	MGHTLRPGTPLPRCLHLKLCLLLAAGLFHSSGI SQVTKS VKE MAALSCDYNISIDE LARM RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK GSFR REH LSV T L SIRAD F PVPS IT DIGH PA PN V K RI CS AS GG FPE P RLA WME DGE ELNA VNT TVD QD LD T ELY SVS SEL DF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 51	Round 1 CD28BP-126	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PDL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LY WLEN GE ELN ATNTT VSQ DP GT ELY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 52	Round 2 CD28BP-1	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LY WLEN GE ELN ATNTT VSQ DP GT ELY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 53	Round 2 CD28BP-2	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LY WLEN GE ELN ATNTT LSQ DP ET KLY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 54	Round 2 CD28BP-3	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LY WLEN GE ELN ATNTT VSQ DP GT ELY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 55	Round 2 CD28BP-4	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LC WLEN GE ELN ATNTT VSQ DP GT ELY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 56	Round 2 CD28BP-5	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LY WLEN GE ELN ATNTT VSQ DP GT ELY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 57	Round 2 CD28BP-6	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LY WLEN GE ELN ATNTT VSQ DP GT ELY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 58	Round 2 CD28BP-7	MGHTMKW RSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GF PRPH LY WLEN GE ELN ATNTT VSQ DP GT ELY MISSE LDF NVT NNHSIV CLIKY GEL SVS QIF PW SKPK QE PPID QLP FW VI IPV SGAL VLT AVV LY CLAC RHVAR WKR TRR NEETVG TERL SPI YLG SAQ SSG
SEQ ID NO: 59	Round 2 CD28BP-8	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETVMLSCD YNT STEEL TSL RIY WQ KDS KM VL AIL PGK VQW PEY KNRT ITDMNDN PRIVI ALRL SDG TYC VI QK PVL KGAY KLEH LAS VRL MIRAD F PVPS IT DIGH PA PN V K RI CS AS GG FPE P RLA WME DGE

		ELNAVNTTVDQDLDTELYSVSSELDNSVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 60	Round 2 CD28BP-9	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETV MLSCD YNTSTEEL TSLRIYW QKD SKM VL AIL PGK VQV WPEY KNRT ITDMNDN PRIVI ALRL SDG TYC VIQ K PVLKGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GFPR PHLY WLEN GE ELNA NT TV S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 61	Round 2 CD28BP-10	MGHTMKW RSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETV MLSCD YNTSTEEL TSLRIYW QKD SKM VL AIL PGK VQV WPEY KNRT ITDMNDN PRIVI ALRL SDG TYC VIQ K PVLKGAY KLEH LT SVRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GFPR PHLY WLEN GE ELNA NT TL S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 62	Round 2 CD28BP-11	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETV MLSCD YNSTSTEEL TSLRIYW QKD SKM VL AIL PGK VQV WPEY KNRT ITDMNDN PRIVI ALRL SDK GT YC VVQ K NENG SF RREH L TS VTL SIRAD F PVPS ITDIGH PAP NVK RI RCS ASGGF PE PRLA W MEDGE E LNA NT TV S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 63	Round 2 CD28BP-12	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETV MLSCD YNTSTEEL TSLRIYW QKD SKM VL AIL PGK VQV WPEY KNRT ITDMNDN PRIVI ALRL SDG TYC VIQ K PVLKGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GFPR PHLY WLEN GE ELNA NT TV S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 64	Round 2 CD28BP-13	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETV MLSCD YNTSTEEL TSLRIYW QKD SKM VL AIL PGK VQV WPEY KNRT ITDMNDN PRIVI ALRL SDG TYC VIQ K PVLKGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GFPR PHLY WLEN GE ELNA NT TV S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 65	Round 2 CD28BP-14	MGHTLRPGTPLP RCLHLKLCLLLALAGLHFSSG ISQVTK SVKEMAAL SC DYNIS I DELARM RIY WQKD QQM VLSI ISQVEV WPEY KNRT ITDMNDN PRIVI ALRL SDG TYC VIQ K PVL KGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GFPR PHLY WLEN GE ELNA NT TV S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 66	Round 2 CD28BP-15	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETV MLSCD YNTSTEEL TSLRIYW QKD SKM VL AIL PGK VQV WPEY KNRT ITDMNDN PRIVI ALR PSDG TYC VIQ K PVLKGAY KLEH LAS VRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GFPR PHLY WLEN GE ELNA NT TV S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 67	Round 2 CD28BP-16	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETV MLSCD YNTSTEEL TSLRIYW QKD SKM VL AIL PGK VQV WPEY KNRT ITDMNDN PRIVI ALRL SDG TYC VIQ K PVLKGAY KLEH LT SVRL MIRAD F PVPT INDL GNPS PNIR RLIC STSG GFPR PHLY WLEN GE ELNA NT TV S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPYIYLGSQAQSSG
SEQ ID NO: 68	Round 2 CD28BP-17	MGHTMKW GSL PPKR PCL WLSQLLVLTGLFYFC SGITPK SVTK RVKETV MLSCD YNTSTEEL TSLRIYW QKD SKM VL AIL PGK VQV WPEY KNRT FD IIN NL SML I ALRL SDK GT YC VVQ K NENG SF RREH L TS VTL SIRAD F PVPS ITDIGH PAP NVK RI RCS ASGF PE PRLA W MEDGE E LNA NT TV S QDP GT ELYMISSE LD FN VT NNHSIV CLIKY GEL SV SQ IFP WS KPK QE PPID QLP FWVIISVNG IFVICCLTYCFAPCRERRNRERLRESVRPV
SEQ ID NO: 69	Round 1 CTLA4BP-5	MGHTRRQGISPSKCPYLKFQLLVLAGLSHFC SGVIHVTKEVATLSC GHNV SVEELAQ TRIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVI ALR PSDG TYECVVLKYE KDAFKREHLAEVLSVKADFPPTSISDFEIPPSNIRRIICSTSGGFPEPHLSWLEN GEELN AINTTVS QDP GT ELYT VSS KLD FN MTNHS FMCL IKY GHL RVN QT FWN TP KQEH FPD NLL PSWAI TLISVNG IFVICCLTYCFAPCRERRNRERLRESVRPV
SEQ ID NO: 70	Round 1 CTLA4BP-7	MGYTRRQGTSPSKCPYLKFQLLVLAGLSHFC SGVIHVTNEVKEVATLSC GHNV SGEELAQ TRIY WQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVI ALR PSDG TYECVVLKYE KDAFKREHLAEVMSVKA DFP PTSITDFEIPPSNIRRIICLTSGGFPEPRLA WMDGEELN AISTTVS QDP GT ELYAVSS KLD FN MTNHS FMCL IKY GHL RVN QT FSWNTP KQEH FPD NLL PSWAI TLISVNG IFVICCLTYCFAPCRERRNRERLRESVRPV
SEQ ID NO: 71	Round 1 CTLA4BP-	MSHTRRQGTSPSKCPYLKFQLLVLA SLSHFC SGVIHMTKEVATLSC GHNV SVEELAQ TRIY WQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVI ALR PSDG TYECVVLKYE

	11	KDAFKREHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHFWLENGEELN AINTTVSQDPETELYAVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTHCFAPCRERRRNERLRRSEHVPV
SEQ ID NO: 72	Round 1 CTLA4BP-13	MGHTRRQGISPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLCSVKADEFPTPSISDFEIPPSNIRRIICSTSGGFPEPHFWLENGEELN AINTTASQDPETELYTVSSKLDNFNMTPNRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYCFAPCRERKSNERLRRSEHVPV
SEQ ID NO: 73	Round 1 CTLA4BP-27	MSHTRRQGISPSKCPYLNFQLLVLASLSHFCGVIHVTKEVATLSCGLNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFNMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRNETLRRSEHVPV
SEQ ID NO: 74	Round 2 CTLA4BP-5x2-10c	MGHTRRQGISPPKCPYLNFQLLVLACLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHFWLENGEELN AINTTVSQDPETELYTVSSKLDNFNMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRNETLRRSEHVPV
SEQ ID NO: 75	Round 2 CTLA4BP-5x2-11d	MSHTRRQGISPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHFWLENGEELN AINTTVSQDPETELYTVSSKLDNFNMTTDRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYCFAPCRERKSNETLRRSEHVPV
SEQ ID NO: 76	Round 2 CTLA4BP-5x2-12f	MSHTRRQGISPSKCPYLKFQLLVLASLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSITDFEIPPSNIKRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNPL PSWAITLISANGIFVICCLTYCFAPCRERKSNETLRRSEHVPV
SEQ ID NO: 77	Round 2 CTLA4BP-5x2-2g	MGHTRRQGTSPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYRFAPCRERKSNERLRRSEHVPV
SEQ ID NO: 78	Round 2 CTLA4BP-5x2-3c	MGYTRRQGTSPSKCPYLKFQLLVLACLSHFCGVIHVTREVKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRRSEHVPV
SEQ ID NO: 79	Round 2 CTLA4BP-5x2-4c	MSHTRRQGTSPSKCPYLKFQLLVLASLSHFCGVIHVTKEVATLSCGLNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLYE KDAFKREHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN GINTTVSQDPETELYTVSSKLDNFNMTNRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRRSEHVPV
SEQ ID NO: 80	Round 2 CTLA4BP-5x2-7b	MSHTRRQGISPSKCPYLKFQLLVLASLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLCSVKAGFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHFWLENGEELN AINTTVSQDPGTELYTVSSKLDNFNMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYCFAPCRERRRNERLRRSEHVPV
SEQ ID NO: 81	Round 2 CTLA4BP-5x2-8c	MSHTRRQGTSPSKCPYLKFQLLVLASLSHFCGVIHMTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKQEHLAEVMLSVKADFPPTPSITDFEIPPSNIRRIICSTSGGFPEPHFWLENGEELN AINTTVSQDPETELYAVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYCFAPCRERRRNERLRRSEHVPV
SEQ ID NO: 82	Round 2 CTLA4BP-5x3-10e	MGYTRRQGISPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLYE KDAFKREHLAEVTLCSVKADEFPTPSISDFEIPPSNIRRIICSTSGGFPEPHFWLENGEELN AINTTVSQDPETELYAVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYCFAPCRERKSNERLRRSEHVPV
SEQ ID	Round 2	MSHTRRQGISPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNVSVEELAQ

NO:83	CTLA4BP-5x3-11b	TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRSSDEGTYECVVLKYE KDAFKREHLAEVTLCSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLEN AISTTVSQDPETELYTVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPKQE PSWAITLISVNGIFVICCLTYCFAPRCRERRSNERLRRESVRPV
SEQ ID NO:84	Round 2 CTLA4BP-5x3-6f	MGHTRRQGISPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNV TRIYWQKGKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHL AINTTVSQDPETELYTVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISANGIFVICCLTYCFAPRCRERRSNERLRRESVRPV
SEQ ID NO:85	Round 2 CTLA4BP-5x4-11d	MGHTRRQGISPSKCPYLKFQLLVLACLSHLCGV TRIHQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHL AINTTVSQDPETELYTVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISVNGIFVICCLTYRFAPRCRERRSNERLRRESVRPV
SEQ ID NO:86	Round 2 CTLA4BP-5x4-12c	MGHTRRQGTSPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGLNV TRIHQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHL AINTTVSQDPETELYTVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISANGIFVICCLTYRFAPRCRERRSNERLRRESVRPV
SEQ ID NO:87	Round 2 CTLA4BP-5x4-1f	MGHTRRQGTSPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNV TRIHQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHL AINTTVSQDPETELYTVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISVNGIFVICCLTYCFAPRCRERRNRERLRRESVC P
SEQ ID NO:88	Round 2 CTLA4BP-5x5-2e	MGHTRRQGISPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGLNV TRIHQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHL AINTTVSQDPETELYAVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISVNGIFVICCLTYCFAPRCRERRNRERLRRESVRPV
SEQ ID NO:89	Round 2 CTLA4BP-5x5-6e	MGHTRRQGISPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNV TRIHQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHL AINTTVSQDPETELYTVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISANGIFVICCLTHCFAPRCRERKRNERLRRESVRPV
SEQ ID NO:90	Round 2 CTLA4BP-5x6-9d	MSHTRRQGTSPSKCPYLKFQLLVLACLSHLCGV TRIHQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHL AINTTVSQDPETELYTVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISVNGIFVICCLTYCFAPRCRERRNRERLRRESVRPV
SEQ ID NO:91	Round 2 CTLA4BP-5x8-1f	MGHTRRQGISPSKCPYLNFQLLVLACLSHFCGVIHVTKEVATLSCGHNV TRIHQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSA AINTTVSQDPETELYAVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISVNGIFVICCLTYCFAPRCRERRNRERLRRESVRPV
SEQ ID NO:92	Round 2 CTLA4BP-5x9-12c	MGHTRRQGTSPSKCPYLNFQLLVLACLSHFCGVIHVTKEVATLSCGHNV TRIHQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHL AINTTASQDPETELYTVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISVNGIFVICCLTYCFAPRCRERRNRERLRRESVRPV
SEQ ID NO:93	Baboon B7-1	MGHTRRQGISPSKCPYLKFQLLVLACLSHFCGVIHVTKEVATLSCGHNV TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVMLSVKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHL AINTTVSQDPGT PSWAITLISVNGIFVICCLTYCFAPRCRERRNRERLRRESVRPV
SEQ ID NO:94	Orangutan B7-1	MGHTRRQGISPSKCPYLNFQLLVLASLSHFCGVIHVTKEVATLSCGHNV TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGT KDAFKREHLAEVTLCSVKADFPTPSISDFEIPPSNIRRMIC AISTTVSQDPETELYAVSSKLDNFNMTTNSFVCLIKYGHLRVNQTFNWNTPK PSWAITLISVNGIFVICCLTYCFAPRCRERRRSNERLRRESVRPV

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SEQ ID NO: 95	Round 2 CD28A12-5	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGNTGCTGGCATCCTGCCTGGAA AAGTCAGGTGTGGCTGAGTACAAGAACCGTACCATCACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGCCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCACATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAATGGAGAA GAATTAATGCTACCAACACAGTTCCCAAGATCTGAAACCAAGCTCTACATGATTA GCAGTGAACGGATTCAATGTGACAAATAACCAACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTGTACTGGGTAGTT TCTACTGCCCTGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTNA
SEQ ID NO: 96	Round 2 CD28A4-5*	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGNTGCTGGCATCCTGCCTGGAA AAGTCAGGTGTGGCTGAGTACAAGAACCGCACCACATGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGCCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCACATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAATGGAGAA GAATTAATGCTACCAACACAGTTCCCAAGATCTGAAACCAAGCTCTACATGATTA GCAGTGAACGGATTCAATGTGACAAATAACCAACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTGTACTGGGTAGTT TCTACTGCCCTGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTNA
SEQ ID NO: 97	Round 2 CD28A4-9	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGNTGCTGGCATCCTGCCTGGAA AAGTCAGGTGTGGCTGAGTACAAGAACCGCACCACATGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGCCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCACATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAATGGAGAA GAATTAATGCTACCAACACAGTTCCCAAGATCTGAAACCAAGCTCTACATGATTA GCAGTGAACGGATTCAATGTGACAAATAACCAACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTGTACTGGGTAGTT TCTACTGCCCTGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTNA
SEQ ID NO: 98	Round 2 CD28A6-9	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTC AGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAAATGNTGCTGGCATCCTGCCTGGAA AAGTCAGGTGTGGCTGAGTACAAGAACCGCACCACATGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGCCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCACATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTACTGGTTGGAAATGGAGAA GAATTAATGCTACCAACACAGTTCCCAAGATCTGAAACCAAGCTCTACATGATTA GCAGTGAACGGATTCAATGTGACAAATAACCAACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTGTACTGGGTAGTT TCTACTGCCCTGGCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAGGTA CCAAGCTTAAGTNA

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		TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:99	Round 2 CD28A6-1	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCCCT AGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGGAA AAAGTCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCCCTACACATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAAAGTTCCAAGATCTGGAACTGAGCTCATGATGATTA GCAGTGAACTGGATTCAATGTGACAAATAACCAACAGCATTGTGTCTCATCAAATACGG GGAGCTGTGGTGTACAGATCTCCCTGGAGCAAACCCAAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGCTTGGCTCACTGGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:100	Round 2 CD28A8-4	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTCTC AGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGGAA AAAGTCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGGTGTGGAA AATGAGAACGGCTTTCAGACGGGAGCACCTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCCCTAGCATAACTGACATTGGACATCCCGCCCTAATGTGAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGGCTGGATGGAAGATGGAGAAGAA CTAACACGGCTAACACAAACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCAGCA GTGAGCTGGATTCAATGTGACAAATAACCAACAGCATTGTGTCTCATCAAATACGGGG GCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGTCAATTATCCCAGTAAGTGGCTTGGTGTCACTGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGT GGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:101	Round 2 CD28A8-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTCC AGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGGAA AAAGTCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCCCTACACATAATGATCTTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAAAGTTCCAAGATCTGGAACTGAGCTCATGATGATTA GCAGTGAACTGGATTCAATGTGACAAATAACCAACAGCATTGTGTCTCATCAAATACGG GGAGCTGTGGTGTACAGATCTCCCTGGAGCAAACCCAAAGCAGGAGCCTCCATTGAT
SEQ ID NO:102	Round 2 CD28B2-8	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTCTC AGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATACCCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGGAA AAAGTCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGTGTTATTCAAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCCCTACACATAATGATCTTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTACTGGTTGGAAAATGGAGAA GAATTAATGCTACCAACACAAAGTTCCAAGATCTGGAACTGAGCTCATGATGATTA GCAGTGAACTGGATTCAATGTGACAAATAACCAACAGCATTGTGTCTCATCAAATACGG GGAGCTGTGGTGTACAGATCTCCCTGGAGCAAACCCAAAGCAGGAGCCTCCATTGAT

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		CAGCTTCCATTCTGGTCATTATCCCAGTAAGTGGTCTTGGTGCCTACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACGAGAAGGAATGAAGAGACAGTGGAACTGAAAGGCTGCCCTATCTACTTAGGCTCTGCAGCAATCCTCGGCTGA
SEQ ID NO:103	Round 2 CD28B4-3	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGACCAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGCAAAAGGGATAGTAAAATGGTCTGGCCATCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCGTTATGTGATCTGGCTCTGCCTGTGGACAGTGGCACCTACACCTGTGTTATTCAGAAGCCTGTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACACATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCAAATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTGGAAAATGGAGAAGAATTAAATGCTACCAACACACTGTCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAACTGGATTTCACATGACAAGCAATCACAGCTCTTGTGTTGTCAAGTATGGAGACTAACAGTGTACAGACCTTACTGGCAAGAACCAACCCCTCTGCTAATCAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGGGATTCTGTGATCATTGAGTTATAACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAATGCAAAGTGTCTCAGTCTCCATGAG
SEQ ID NO:104	Round 2 CD28B6-3	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGACCAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGCAAAAGGGATAGTAAAATGGTCTGGCCATCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCGTTATGTGATCTGGCTCTGCCTGTGGACAGTGGCACCTACACCTGTGTTATTCAGAAGCCTGATTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACACATAATGATCTGGAAATCCATCTCTAATATCAGAAGGCAAATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTGGAAAATGGAGAAGAATTAAATGCTACCAACACAAACACTGTCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAACTGGATTTCACATGACAAGCAATCACAGCTCTTGTGTTGTCAAGTATGGAGACTAACAGTGTACAGACCTTACTGGCAAGAACCAACCCCTCTGCTAATCAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGGGATTCTGTGATCATTGAGTTATAACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAATGCAAAGTGTCTCAGTCTCCATGAG
SEQ ID NO:105	Round 2 CD28B6-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGACCAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGCAAAAGGGATAGTAAAATGGTCTGGCCATCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCGTTATGTGATCTGGCTCTGCCTGTGGACAGGGCACCTACACCTGTGTTATTCAGAAGCCTGTTTGAAAGGGGCTTATAAACTGGAGCACCTGACCTCCGTGACACTGTCCCATCAGAGCTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCGCCCTAATGTGAAAAGGATAAGATGCTCCGCCCTGTGGAGGTTTCCAGAGGCCCTGCCCTGCCGTGGATGGAAGATGGAGAAGAACTAAACGCCGCAACACGACGGTGACCGAGATTGGACACGGAGCTACAGCGTCAGCAGTGAACTGGATTTCACATGCGACAAATAACCACAGCAGTGTGTCATCAAATACGGGGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGATCAGCTTCCATTCTGGGTATTGTCCAGTAAGTGGTCTTGGTGCCTACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCAGGGTGA
SEQ ID NO:106	Round 2 CD28B8-5*	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGACCAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGCAAAAGGGATAGTAAAATGGTCTGGCCATCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCGTTATGTGATCTGGCTCTGCCTGTGGACAGTGGCACCTACACCTGTGTTATTCAGAAGCCTGTTTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACACATAATGATCTTGGAAATCCATCTCTAATATCAGAAGGCAAATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTGGAAAATGGAGAAGAATTAAATGCTACCAACACACTGTCCAAGATCCTGGAACGTGAGCTCTACATGATTAGCAGTGAACTGGATTTCACATGCGACAAATAACCACAGCAGTGTGTCATCAAATACGGGGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGAT

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		CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCCTACTGCGGTAGTTCTCTACTGCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGGAACGTGAAAGGCTGCCCCATCTACTTAGGCTCTGCACAATCCTCGGGCTGA
SEQ ID NO:107	Round 2 CD28C11-5	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTCAGCTCTGGTGCTCACTGGCTTTTACTTCAGGCATCACCCAAAGAGTGTGACCAAAGAGTGAAGAACACAGTAATGCTATCCTGTGATTACAAACACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGCAAAAGGATAGTAAATGGCTGGCCATCCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCGTATTGTGATCCTGGCTCTGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAGCCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTGGAAATCCATCTCTAATATCAGAAGGCAAATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAATGCTACCAACACAGTTCCAAGATCCTGGAAACTGAGCTCTACATGATTAGCAGTGAACGTGGATTCAATGTGACAAATAACCAACAGCATCGTGTCTCATCAAATACGGGGAGCTGTGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGGAACGTGAAAGGCTGCCCCATCTACTTAGGCTCTGCACAATCCTCGGGCTGA
SEQ ID NO:108	Round 2 CD28C6-1	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTCAGCTCTGGTGCTCACTGGCTTTTACTTCAGGCATCACCCAAAGAGTGTGACCAAAGAGTGAAGAACACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGCAAAAGGATAGTAAATGGCTGGCCATCCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCGTATTGTGATCCTGGCTCTGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAGCCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTGGAAATCCATCTCTAATATCAGAAGGCAAATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAATGCTACCAACACAAACAGTTCCAAGATCCTGGAAACTGAGCTCTACATGATTAGCAGTGAACGTGGATTCAATGTGACAAATAACCAACAGCATCGTGTCTCATCAAATACGGGGAGCTGTGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGGAACGTGAAAGGCTGCCCCATCTACTTAGGCTCTGCACAATCCTCGGGCTGA
SEQ ID NO:109	Round 2 CD28C7-3	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTCAGCTCTGGTGCTCACTGGCTTTTACTTCAGGCATCACCCAAAGAGTGTGACCAAAGAGTGAAGAACACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGCAAAAGGATAGTAAATGGCTGGCCATCCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCGTATTGTGATCCTGGCTCTGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAGCCTGATTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCGCCCTAAATGTGAAAAGGATAAGATGCTCCGCCCTGGAGATTTCAGAGGCCCTGCCCTGGATGGAAGATGGAGAAGAACTAAACGCCGCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCAAGTGAACGTGGATTCAATGTGACAAATAACCAACAGCATCGTGTCTCATCAAATACGGGGAGCTGTGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTACTGCGGTAGTTCTACTGCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGGAACGTGAAAGGCTGCCCCATCTACTTAGGCTCTGCACAATCCTCGGGCTGA
SEQ ID NO:110	Round 2 CD28C8-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTCAGCTCTGGTGCTCACTGGCTTTTACTTCAGGCATCACCCAAAGAGTGTGACCAAAGAGTGAAGAACACAGTAATGCTATCCTGTGATTACAAACACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGCAAAAGGATAGTAAATGGCTGGCCATCCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCGTATTGTGATCCTGGCTCTGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAGCCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCCCTGTCCCTACCATAAATGATCTGGAAATCCATCTCTAATATCAGAAGGCAAATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAAATGCTACCAACACAAACAGTTCCAAGATCCTGGAAACTGAGCTCTACATGATTAGCAGTGAACGTGGTTCAATGTGACAAATAACCAACAGCATCGTGTCTCATCAAATACGG

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		GGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGAT CAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTCTTGGTGCCTACTGCCGTAGTTC TCTACTGCCCTGGCCTGCGACATGTTGCGAGGTTGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:111	Round 2 CD28C9-5*	ATGGGTACACAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCCTGGCTCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTCTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCTGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTGGAAATCCATCTCTAAATATCAGAAGGCTT ATTGCTGAGGCTTCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAACATTAAAT GCTACCAACACAACACTGTCCTGAAACAGCTCTACATGATTAGCAGTGAAC TGGATTTCACATGACAAGCAATCACAGCTTCTGTGCTCTGCAAGTATGGAGACTAAC AGTGTACAGACCTCTACTGGCAAGAACCAACCCCTCTGCTAATCAGCACCTG ACCTGGACCATTATTATCCAGTCTCAGCATTGGATTCTGTGATCATTGCACTTATAC TAACATGCTGACCTGCAAGAAATGCTGCAATACGCAGACAGAGAACAGGAGAACAGTGG AAATGCAAAGTTGCTCTCAGTCTCATAG
SEQ ID NO:112	Round 2 CD28C2-4	ATGGGCCACACGCTGAGGCCGGAACTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTGGCGCTGGCGGTCTCCACTTCTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAACATGGCAGCACTGTCTGTGATTACAACATTTCTATCGATGAACTGGCGAGAACAT CGCATATACTGGCAGAACAGGACCAACAGATGGTCTGAGCATCATCTGGCAAGTGGAGG TGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCGTATTGTGAT CCTGGCTCTGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTAGAAGCCTGTTTG AAAGGGCTTATAAAACGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAGCTGACTTCC CTGTCCTTACCATAAATGATCTGGAAATCCATCTCTAAATATCAGAAGGCTAATTGCTC AACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAACATTAAAT GCTACCAACACAACACTGTCCTGAAACAGCTCTACATGATTAGCAGTGAAC TGGATTTCACATGACAAGCAATCACAGCTTCTGTGCTCTGCAAGTATGGAGACTAAC AGTGTACAGACCTCTACTGGCAAGAACCAACCCCTCTGCTAATCAGCACCTG ACCTGGACCATTATTATCCAGTCTCAGCATTGGATTCTGTGATCATTGCACTTATAC TAACATGCTGACCTGCAAGAAATGCTGCAATACGCAGACAGAGAACAGGAGAACAGTGG AAATGCAAAGTTGCTCTCAGTCTCATAG
SEQ ID NO:113	Round 2 CD28D2-3	ATGGGTACACAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCCTGGCTCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTCTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCAGGCTCTGGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACTGATCTGGAAATCCATCTCTAAATATCAGAAGGCTAATTG CTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAACATTAA ATGCTACCAACACAACAGTTCCCAAGATCTGGAACTGAGCTCTACATGATTAGCAGTG AACTGGATTTCACATGACAACAAACACACAGCATCGTGTCTCATCAAATACGGGAGCT GTGGTGTACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGATCAGCTT CCATTCTGGGTCAATTATCCAGTAAGTGGTCTTGGTGCCTACTGCCGTAGTTCTACT GCCTGGCCTGCAAGACATGTTGCGAGGTTGAAAAGAACAAAGAAGGAATGAAGAGACAGTGG AACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:114	Round 2 CD28D2-9	ATGGGTACACAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCCTGGCTCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTCTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTGGAAATCCATCTCTAAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAAC GAATTAATGCTACCAACACAACAGTGGCAAGATCCTGAAACCGAGCTACATGATTAA

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		GCAGTGAACGGATTCAATGTGACAAATAACCACAGCAGTCGTGTCTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGAACCCAAGCAGGAGCCTCCATTGAT CAGCTTCATTCTGGGTATTATCCAGTAAGTGGTGTCTTGGTGCTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGGTGGAAAAGAACACAAGAAGGAATGAAGAGAC AGTGGGAACGTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:115	Round 2 CD28D8-9	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTTGGTGCTACTGGCTTTTACTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGCGTGGTTAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCAGCTGACTTCGAGGTTATGATCAGAG CTGACTCCCTGCCCCTAGCATAACTGACATTGGACATCCGCCCTAATGTGAAAAGGATAAG ATGCTCCGCTCTGGAGATTCCAGAGCTCGCCTGGATGGAAGATGGAGAAGAA CTAACCGCGTCAACACGACGGTTGACCGAGATTGGACACGGAGCTACAGCGTCAGCA GTGAACGGATTCAATGTGACAAATAACCACAGCAGTCGTGTCTCATCAAATACGGGA GCTGTCGGTGTACAGATCTCCCTGGAGCAACCCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGGTATTATCCTAGTAAGTGGTGTCTTGGTGCTACTGCGGTAGTTCTCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGT GGGAACGTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO:117	Round 2 CD28D12-5	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTTGGTGCTACTGGCTTTTACTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTTATTGAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCAGCTGGCTCCGTGAGGTTATGATCAGAG CTGACTCCCTGCCCCTAGCATAACTGACATTGGACATCCGCCCTAATGTGAAAAGGAT AAGATGCTCCGCTCTGGAGATTTCAGAGCTCGCCTGCCTGGATGGAAGATGGAGAA GAACATAACCGCGTCAACACGACGGTTTGGACACGGAGCTACAGCGTCAGCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCAGTCGTGTCTCATCAAATACGGGAGCTGTC GGTGTACAGATCTCCCTGGAGCAACCCAAGCAGGAGCCTCCATTGATCAGCTCCA TTCTGGGTATTATCCAGTAAGTGGTGTCTTGGTGCTACTGCGGTAGTTCTACTGCC TGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAACCCCTCGGGCTGAG
SEQ ID NO:118	Round 2 CD28E10-6	ATGGGTACACAAATGGAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTTGGTGCTACTGGCTTTTACTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTTATTGAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCAGCTGGCTCCGTGAGGTTATGATCAGAG CTGACTCCCTGCCCCTAGCATAATGATCTTGGAAATCCATCTCTAAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGGAAC

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		GAATTAATGCTACCAACACAACTGTCCAAGATCCTGAAACTGAGCTCATGATTA GCAGTGAACTGGATTCAATGTGACAATAACCACAGCAGTCGTCTCATCAAATACGG GGAGCTGCGGTACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGAT CAGCTTCATTCTGGTCATTATCCCAGTAAGTGGTGCTTGGTGCTACTGCCGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTTGCAGCAATCCTCGGGCTGA
SEQ ID NO:119	Round 2 CD28F7-2	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGCTGGCCATCCTGCCGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCCTACCATAAATGATCTGGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACTGTCCAAGATCCTGAAACCAAGCTCATGATTA GCAGTGAACTGGATTCAATGTGACAATAACCACAGCAGTCGTCTCATCAAATACGG GGAGCTGCGGTACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGAT CAGCTTCATTCTGGTCATTATCCCAGTAAGTGGTGCTTGGTGCTACTGCAGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTTGCAGCAATCCTCGGGCTGA
SEQ ID NO:120	Round 2 CD28F8-4	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGCTGGCCATCCTGCCGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGATTGAAAGGGCTTATAAACTGGAGCACCTGACTCTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCTGGCCCTAATGTGAAAAGGAT AAGATGCTCCGCTCTGGAGATTTCAGAGCCTCGCCTGGATGGAAGATGGAGAA GAACATAACGCCCTCAACACAGCGGTGACCAGGATTGGACACGGAGCTACAGCGTCA GCAGTGAACTGGATTCAATGTGACAATAACCACAGCAGTCGTCTCATCAAATACGG GGAGCTGCGGTACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGAT CAGCTTCATTCTGGTCATTATCCCAGTAAGTGGTGCTTGGTGCTACTGCCGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTTGCAGCAATCCTCGGGCTGA
SEQ ID NO:121	Round 2 CD28F10-2	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGCTGGCCATCCTGCCGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGATTGAAAGGGCTTATAAACTGGAGCACCTGACTCTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCTGGCCCTAATGTGAAAAGGAT AAGATGCTCCGCTCTGGAGATTTCAGAGCCTCGCCTGGATGGAAGATGGAGAA GAACATAACGCCCTCAACACAGCGGTGACCAGGATTGGACACGGAGCTACAGCGTCA GCAGTGAACTGGATTCAATGTGACAATAACCACAGCAGTCGTCTCATCAAATACGG GGAGCTGCGGTACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGAT CAGCTTCATTCTGGTCATTATCCCAGTAAGTGGTGCTTGGTGCTACTGCCGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCAGGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTTGCAGCAATCCTCGGGCTGA
SEQ ID NO:122	Round 2 CD28F12- 5*	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGCTGGCCATCCTGCCGGAA AAGTGCAGGTGTGGCCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGATTGAAAGGGCTTATAAACTGGAGCACCTGGCTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCCTAGCATAACTGACATTGGACATCCTGGCCCTAATGTGAAAAGGAT

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		AAGATGCTCCGCCTCTGGAGATTTCCAGAGCCTGCCCTGGATGGAAGATGGGAA GAACAAACGCCCAACACGACGGTGACCAGGATTGGACACGGAGCTCACAGCGTCA GCAGTGAACGGATTCAATGTACAATAACCACAGCATCGTGTCTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGCGGTGCTTGGTGCTACTGCGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTAG
SEQ ID NO:123	Round 2 CD28G2-8	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCTGCCTGGAA AAGTCAGGTGCGCTGAGTACAAGAACCGCACCTCCCGACATCATTAACAAACCTCTC CCTTATGATCTGGCACTGCGCTGCGACAGGGCACCTACACCTGCGTGGTCAAG AATGAGAACGGGTCTTCAGACGGGAGCACCTGACACTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGTCTAGCATTAAGTGCATTGGACATCCCCCTAATGTGAAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGCCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCAGCA GTGAACGGATTCAATGTGACAATAACCACAGCATGTGTGCTCATCAAATACGGGAA GCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGGTATTATCCCAGTAAGCGGTGCTTGGTGCTACTGCGGTAGTTCT ACTGCCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGACAGT GGGAACGGTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTGA
SEQ ID NO:124	Round 2 CD28G1-5	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCTGCCTGGAA AAGTCAGGTGCGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCG TATTGTGATCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGTTATTCAAG CCTGTTTGAAAGGGCTTATAAAACTGGAGCACCTGACTTCCGTGAGGTAAATGATCAGAG CTGACTTCCCTGTCCCTAGCATTAAGTGCATTGGACATCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGCCCTGGATGGAAGATGGAGA GAACAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCA GCAGTGAACGGATTCAATGTGACAATAACCACAGCATGTGTGCTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGCGGTGCTTGGTGCTACTGCGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTGA
SEQ ID NO:125	Round 2 CD28G1-9	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCTGCCTGGAA AAGTCAGGTGCGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCG TATTGTGATCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGTTATTCAAG CCTGTTTGAAAGGGCTTATAAAACTGGAGCACCTGACTTCCGTGAGGTAAATGATCAGAG CTGACTTCCCTGTCCCTAGCATTAAGTGCATTGGACATCCCCCTAATGTGAAAAGGAT AAGATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGCCCTGGATGGAAGATGGAGA GAACAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCA GCAGTGAACGGATTCAATGTGACAATAACCACAGCATGTGTGCTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGCGGTGCTTGGTGCTACTGCGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTGA
SEQ ID NO:126	Round 2 CD28H4-3	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGATCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAAGT ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCTGCCTGGAA AAGTCAGGTGCGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCG TATTGTGATCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGTTATTCAAG CCTGTTTGAAAGGGCTTATAAAACTGGAGCACCTGACTTCCGTGAGGTAAATGATCAGAG

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		CTGACTTCCCTGCCCTACCATAAATGATCTGGAAATCCATCTCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTTCCAAGATCCTGGAACTGAGCTCTACATGATTA GCAGTGAACTGGATTCAATGTGACAAATAACCACAGCATTGTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTTCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTCACTGCCGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCAAGGGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:127	Round 2 CD28H11-3	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTCTGTTAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGCGGTGACTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGCGCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGTTTAAAGGGCTTATAACTGGAGCACCTGGCTTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGCCCCACCATAAATGATCTGGAAATCCATCCTAATATCAGAAGGCT AATTGCTCAGGTTTCCAAGGCCCACCTCTACTGGTTGGAAAATGGAGAACATTAAAT GCTACCAACACAAACAGTTCCAAGATCCTGGAACTGAGCTCTACATGATTAGCAGTGAAC TGGATTCAATGTGACAAATAACCACAGCATGTCATCAAATACGGGAGCTGTC GGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAGCTTCA TTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTCACTGCCGTAGTTCTACTGCC TGGCCTGCAGACATGTTGCAAGGGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGGAAC TGAAAGGCTGCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:128	Round 2 CD28H6-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTCTGTTAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGCGGTGACTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCACTGCGCCTGCGACAAGGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAGGGCTTATAACTGGAGCACCTGGCTTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGCCCCACCATAAATGATCTGGAAATCCATCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAAACAGTTCCAAGATCCTGGAACTGAGCTCTACATGATTA GCAGTGAACTGGATTCAATGTGACAAATAACCACAGCATGTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTTCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTCACTGCCGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCAAGGGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:129	Round 2 CD28E2-4	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTCTGTTAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGCGGTGACTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCACTGCGCCTGCGACAAGGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAGGGCTTATAACTGGAGCACCTGGCTTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGCCCCACCATAAATGATCTGGAAATCCATCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAAACAGTTCCAAGATCCTGGAACTGAGCTCTACATGATTA GCAGTGAACTGGATTCAATGTGACAAATAACCACAGCATGTCATCAAATACGG GGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGAT CAGCTTCATTCTGGGTCAATTATCCCAGTAAGTGGTGCTTGGTGCTCACTGCCGTAGTT TCTACTGCCCTGGCCTGCAGACATGTTGCAAGGGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGGAACTGAAAGGCTGCCCTATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:130	Round 2 CD28B4-5a	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTCTGTTAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGCAAAAGGATAGTAAATGGTGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGCGGTGACTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCACTGCGCCTGCGACAAGGGCACCTACACCTGTGTTATTAGAAG

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SEQ ID NO:131	Round 2 CD28A2-5	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTC AGCTCTTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGATCTGGCTCTGGCCTGCGGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGATTGAAAGGGCTTATAAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCAGCATAACTGACATTGGACATCCGCCCCCTAATGTGAAAGGAT AAGATGCTCCGCTCTGGAGGTTTCCAGAGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCA GCAGTGAACCTGGATTCAATGTGACAAATAACCACAGCAGTCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTGGAGCAAACCCAAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTCTTGGTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTGA
SEQ ID NO:132	Round 2 CD28B4-5*	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTC AGCTCTTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGATCTGGCTCTGGCCTGCGCCTGCGGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGATTGAAAGGGCTTATAAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCAGCATAACTGACATTGGACATCCGCCCCCTAATGTGAAAGGAT AAGATGCTCCGCTCTGGAGGTTTCCAGAGCCTCGCCTGGATGGAAGATGGAGAA GAACTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCA GCAGTGAACCTGGATTCAATGTGACAAATAACCACAGCAGTCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTGGAGCAAACCCAAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTCTTGGTACTGCGGTAGTTC TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTGA
SEQ ID NO:133	Round 2 CD28D5-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTC AGCTCTTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGATCTGGCTCTGGCCTGCGCCTGCGGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAGGGCTTATAAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCAGCATAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACACTGTCCTAACGATCCTGAAACCAAGCTACATGATTA GCAGTGAACCTGGATTCAACATGTGACAAAGCAATCACAGCTTCTGTGTCTTGTCAAGTATGG AGACTTAACAGTGTACAGTCCTACTGGCAAGAACAAACCAACCCCTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTGGGATTCTGTGATCATTG CAGTTATAACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTGTCTCTAGTCTCCATGA
SEQ ID NO:134	Round 2 CD28D10-4	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTC AGCTCTTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG

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		TATTGTGATCCTGGCTCTGCGCCTGTCGGACAAGGGACCTACACCTGCGTGGTCAGAAG AATGAGAACGGTCTTCAGACGGGAGCACCTGACACTGTCCATCAGAGCTG ACTTCCCTGTCCTAGCATAACTGACATTGGACATCCGCCCTAATGTGAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGCCCTGCCCTGGATGGAAGATGGAGAAGAA CTAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTACAGCGTCAGCA GTGAACGGATTCAATGTGACAAATAACCACAGCAGTCGTGTCTCATCAAATACGGGG GCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGGTCTTCCAGTAAGTGGTCTTGAGGCTACTGCGTAGTTCTCT ACTGCGTGGCCTGAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGT GGGAACGTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTAG
SEQ ID NO:135	Round 2 CD28E2-5*	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAAGCGCCATGCCTCTGGCTCTC AGCTCTTGGTGTCACTGGCTTTTACTTCTGTTAGGCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCC TATTGTGATCCTGGCTCTGCCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAAGGGGCTTATAAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACACTGCTTCAAGATCCTGAAACCAAGCTTACATGATTA GCAGTGAACTGGATTCAATGTGACAAATAACCGCAGCAGTCGTGTCTCATCAAATACGG GGAGCTGCGGTGTCAGAGATCTCCCTGGAGAACACCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCTTCCAGTAAGTGGTCTTGAGGCTACTGCGTAGTT TCTACTGCGTGGCTGAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:136	Round 2 CD28E5-2	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAAGCGCCATGCCTCTGGCTCTC AGCTCTTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCACAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCC TATTGTGATCCTGGCTCTGCCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGATTGAAAGGGGCTTATAAAACTGGAGCACCTGGCTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACACTGCTTCAAGATCCTGAAACCAAGCTTACATGATTA GCAGTGAACTGGATTCAATGTGACAAATAACCGCAGCAGTCGTGTCTCATCAAATACGG GGAGCTGCGGTGTCAGAGATCTCCCTGGAGAACACCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTCTTCCAGTAAGTGGTCTTGAGGCTACTGCGTAGTT TCTACTGCGTGGCTGAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO:137	Round 2 CD28E8-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAAGCGCCATGCCTCTGGCTCTC AGCTCTTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCACAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCC TATTGTGATCCTGGCTCTGCCCTGCGACAGTGGCACCTACACCTGTGTTATTAGAAG CCTGTTTGAAAGGGGCTTATAAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGTCCTACCATAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACACTGCTTCAAGATCCTGAAACCAAGCTTACATGATTA GCAGTGAACTGGATTCAACACGACAAGCAATCACAGCTTCTGTGTCTGTCAAGTATGG AGACTTAACAGTGTACAGACCTCTACTGGCAAGAATCCAACACCAACCCCTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGGGATTCTGTGATCATTG CAGTTATAACTAACATGCGTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTGTCTCTAGTCTCCATGA
SEQ ID NO:138	Round 2 CD28E9-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAAGCGCCATGCCTCTGGCTCTC AGCTCTTGGTGTCACTGGCTTTTACTTCTGTTAGGCATCACCACAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA

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SEQ ID NO:139	Round 2 CD28F3-1	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC AAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGCGACAGTGGCACCTACACCTGCGTGGTCAGAAG AATGAGAACGGGTCTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTG ACTTCCCTGCCCCAGATAACTGACATTGGACATCCGCCCTAATGTGAAAGGATAAG ATGCTCCGCCTCTGGAGGTTTCCAGAGCCTCGCCCTGGATGGAAGATGGAGAAGAA CTAAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCAGCA GTGAACGGATTCAATGTGACAATAACCACAGCATCGTGTCTCATCAAATACGGGAA GCTGTCGGTGTACAGATCTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGATCAG CTTCCATTCTGGGTATTATCCCAGTAAGTGGTGTGACTGCGGTAGTTCTCT ACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGT GGGAACGGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTGAG
SEQ ID NO:140	Round 2 CD28F3-5	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC AAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGCGACAGTGGCACCTACACCTGCGTGGTTATTCAGAAG CCTGATTGAAAGGGGCTTATAAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCACCATAAATGATCTTGAAATCCATCTCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTCCAAAGATCCTGAAACCAAGCTACATGATTA GCAGTGAACGGATTCAATGTGACAATAACCACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTGTGCTTGGTGTACTGCGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTGAG
SEQ ID NO:141	Round 2 CD28F3-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC AAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAATGGTGTGGCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCCTGGCTCTGCGCCTGCGACAGTGGCACCTACACCTGCGTGGTTATTCAGAAG CCTGATTGAAAGGGGCTTATAAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCACCATAAATGATCTTGAAATCCATCTCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACAGTCCAAAGATCCTGAAACCAAGCTACATGATTA GCAGTGAACGGATTCAATGTGACAATAACCACAGCATCGTGTCTCATCAAATACGG GGAGCTGTCGGTGTACAGATCTTCCCTGGAGCAAACCAAGCAGGAGCCTCCATTGAT CAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTGTGCTTGGTGTACTGCGGTAGTT TCTACTGCCTGGCCTGCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGAC AGTGGAACTGAAAGGCTGCCCCATCTACTTAGGCTCTGCGCAATCCTCGGCTGAG
SEQ ID NO:142	Round 2 CD28F11-8	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCTCTGGCTCTCTC AGCTCTGGTGTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC AAAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG

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		ACAAGCCTTCGGATCTTGGCAAAAGGATAGTAAAATGGTGTGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCATCACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCGCTGCGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGTTTGAAAGGGGCTTATAAAACTGGAGCACCTGACTTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGCCCACCATAAAATGATCTTGGAAATCCATCTCCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTGAAATGGAGAA GAATTAAATGCTACCAACACAACACTGTCCAAGATCCTGAAACCAAGCTACATGATTA GCAGTGAACGGATTCAACATGACAAGCAATTGTGTTGTCAAGTATGGAGACTAAC AGTGTACAGACCTCTACTGGCAAGAACCAACCCCTCTGCTAATCAGCACCTG ACCTGGACCATTATTATCCAGTCTCAGCATTGGGATTCTGTGATCATGCACTTAC TAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGG AATGCAAAGTTGCTCTCAGTCTCCATGA
SEQ ID NO:143	Round 2 CTLA4BP 5x9-d10	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTC AGTTCTGGTGCTGGCTAGTCTTCTCATTTCTGTTAGGTGTTATCCACGTGACTAAGGA AGTGAAGAAGTGGCAACGCTGTCTGTGGTCAATGTTCTGTTAGGTGAAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGGAGAAAATGGTGTGACTATGATGTCCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGATGTTCAAGCGAGAACACCTGGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTGGAGGTTCTGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGAAACTGAGCTCTACTGTTAGCAGCAAC TGGATTCAATATGACAACCAATCGAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGTGTGATATGCTGCCTGACCC ACTGTTTGCCCCAAGATGCAGAGAGAAGGAGAATGAGAGATTGAGAAGGGAAAGTGC ACGCCCTGTATGA
SEQ ID NO:144	Round 2 CTLA4BP 5x6-f6	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTC AGCTCTGGTGCTGGCTAGTCTTCCACTTCTGTTAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCTGTGGTCAAAATGTTCTGTTAGGTGAAAGAGCTGGCACAA ACTCCCACATCTACTGGAAAAGGGAGAAAATGGTGTGACTATGATGTCCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGACGTTCAAGCGAGAACACCTGGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTGGAGGTTCTGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGAAACTGAGCTCTACTGTTAGCAGCAAC TGGATTCAATATGACAACCAATCGAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGTGTGATATGCTGCCTGACCC ACCGCTTGCCCCAAGATGCAGAGAGAAGGAGAATGAGAGGCTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:145	Round 2 CTLA4BP 5c5-h12	ATGGGCTACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTC AGCTCTGGTGCTGGCTAGTCTTCCACTTCTGTTAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCTGTGGTCAAAATGTTCTGTTAGGTGAAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGGAGAAAATGGTGTGACTATGATGTCCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGATGTTCAAGCGGGAACACCTGGCTGAAGTGTATCCGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTGGAGGTTCTGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGAAACTGAGCTCTACTGTTAGCAGCAAC TGGATTCAATATGACAACCGATCGCAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAAATACACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGTGTGATATGCTGCCTGACCC ACTGTTTGCCCCAAGATGCAGAGAGAAGGAGAATGGGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:146	Round 2 CTLA4BP	ATGAGCCACACACAGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTC AGCTCTGGTGCTGGCTAGTCTTCTCATTTCTGTTAGGTGTTATCCACGTGACCAAGGA

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	5x5-c10	AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCCTTGACGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGACGCTTCAGCAGGGAGCACCTAGCTGAAGTGACGTTACGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCCCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACACAGTTCCAAGATCCTGAAGACTGAGCTCTATGTTAGCAGCAGAAC TGGATTCAATATGACAACCAACTGAGTTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGTTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID NO:147	Round 2 CTLA4BP 5x3-e8	ATGGGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCATAACCTCAAGTTCTTTC AGCTCTTGGTCTGGCTGGCTTTCTCATCTGTTCACTGTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCCTTGACGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGACGCTTCAGCAGGGAACACCTGGCTGAAGTGACGTTACGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCCCACCTCTGGCTGGATGGAAGATGGAGAAGAACTAAAT GCCATCAGCACACAGTTCCAAGATCCTGAAGACTGAGCTCTATGTTAGCAGCAGAAC TGGATTCAATATGACAACCAACTGAGTTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGTT CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGTTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID NO:148	Round 2 CTLA4BP 5x3-c4	ATGAGCCACATACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATAACCTCAATTCTTTC AGCTCTTGGTCTGGCTGGCTTTCTCATCTGTTCACTGTCAGGTGTTATCCACGTGACCAAGGA AGTGAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCCTTGACGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGACGCTTCAGCAGGGAACACCTGGCTGAAGTGACGTTACGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCCCACCTCTGGCTGGATGGAAGATGGAGAAGAACTAAAT GCCATCAGCACACAGTTCCAAGATCCTGAAGACTGAGCTCTATGTTAGCAGCAGAAC TGGATTCAATATGACAACCAACTGAGTTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGTT CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGTTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID NO:149	Round 2 CTLA4BP 5x3-c3	ATGAGCCACACACGGAGGCAGGGAACATCACCATCCAAGTGTCCGTACCTCAAGTTCTTTC AGCTCTTGGTCTGGCTAGTCTTCTCACTGTCAGGTGTTATCCACATGACCAAGGA AGTGAAAGAAGTGGCAACGCTGTGGCTGGCCAAATGTTCCGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCCTTGACGAGGGCACATACGAGTGTGTTCTGGAGTATGAA AAAGATGCTTCAGCAGAGAACACCTGGCTGAAGTGACGTTACGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCCCACCTCTGGCTGGATGGAAGATGGAGAAGAACTAAAT GCCATCAGCACACAGTTCCAAGATCCTGAAGACTGAGCTCTATGTTAGCAGCAGAAC TGGATTCAATATGACAACCAACCAACTGAGTTGTGTCTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGTT CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGTTGTGATATGCTGCCTGACCT ACTGTTTGCCCCAAGATGCAGAGAGAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGAG
SEQ ID	Round 2	ATGAGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTTC

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NO:150	CTLA4BP 5x2-h11	AGCTCTTGGTGTGGCTTGCTTTCTCATTCTGTTAGGTGTTATCCACGTGACCAAGAA AGTGAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGGAAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTGCAAGAACCGGACCACATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGCTGTTCTGAAGTATGAA AAAGATGCCTTCAGCAGGGAAACACCTGGCTGAAGTGATGTTACAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGCTGGAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGGGCTCTATGTTAGCAGCAAC TGGATTTCATATGACAGCCAATCACAGTTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTTCAGCAGAGAGAGAAAGGAGAATGAGAGACTGAGAAGGGAAAGTGT CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAGAAAGGAGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:151	Round 2 CTLA4BP 5x2-d7	ATGGGCTACACACGGAGGCAGGGAAACATCACCATCCAGTGTCCATACCTCAAGTTCTTC AGCTCTTGGTGTGGCTGGCTTTCTCATTCTGTTAGGTGTTATCCACATGACCAAGGA AGTGAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAGGGAAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTGCAAGAACCGGACCACATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGCTGTTCTGAAGTATGAA AAAGATGCCTTCAGCAGGGAAACACCTGGCTGAAGTGACGTTACAGTCAAAGCTGACTTCC CTACACCTAGTATGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGCTGGAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGGGCTCTATGTTAGCAGCAAC TGGATTTCATATGACAGCCAATCACAGTTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTTCAGCAGAGAGAGAAAGGAGAATGAGAGACTGAGAAGGGAAAGTGT CCATCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAGAAAGGAGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:152	Round 2 CTLA4BP 5x2-b7	ATGAGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATACCTCAATTCTTC GGCTCTTGGTGTGGCTAGTCTTCTCATTCTGTTAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGCAAAGGGAAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTGCAAGAACCGGACCACATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGCTGTTCTGAAGTATGAA AAAGACGCTTCAGCAGGGAAACACCTGGCTGAAGTGACGTTACAGTCAAAGCTGACTTCC CTACACCTAGTATGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGCCTCACCTCTGGCTGGAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGGGCTCTATGTTAGCAGCAAC TGGATTTCATATGACAGCCAATCACAGTTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTTCAGCAGAGAGAGAAAGGAGAATGAGAGACTGAGAAGGGAAAGTGT CCATCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAGAAAGGAGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:153	Round 2 CTLA4BP 5x2-b1	ATGAGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTC AGCTCTTGGTGTGGCTAGTCTTCTCATTCTGTTAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACCGCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGGAAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTGCAAGAACCGGACCACATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGCTGTTCTGAAGTATGAA AAAGACGCTTCAGCAGGGAAACACCTGGCTGAAGTGACGTTACAGTCAAAGCTGACTTCC CTACACCTAGTATGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCCGGAGGTTTCCAGCCTCACCTCTGGCTGGAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGGGCTCTATGTTAGCAGCAAC TGGATTTCATATGACAGCCAACACAGCTTACAGTGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTTCAGCAGAGAGAGAAAGGAGAATGAGAGACTGAGAAGGGAAAGTGT CCATCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAGAAAGGAGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGGGTACCAAGCTTAAGTTAACCGCNATCAGCC

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SEQ ID NO:154	Round 2 CTLA4BP 5x1-f1	ATGGGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTTGGTGCTGGCTAGTCTTCTCATTTCTGTTCAAGGTGTTATCCACGTGACTAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGCACAAGAACCGGACCACATTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCAGGGAAACACCTGGCTGAAGTGTGATCTGTCATCAAGTATGGACATTAAAG CTACACCTAGTATACTGACTTCAAGGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCGCTCGCTGGATGGAAGATGGAGAAGAACTAAAT GCCATCAGCACAACAGTTCCAAGATCCTGAAACTGAGCTCTGTACTGTTAGCAGCAAAC TGGATTCAATATGACAAACCAACCACAGCTTCATGTGTCATCAGGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGAGGCAGAGAGAGAAGAGCAATGGGAGACTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:155	Round 2 CTLA4BP 5x1-d7	ATGGGCCACACACGGAGGCAGGGAAACATCACCATCCAAGTGTCCATAACCTCAATTCTTC AGCTCTTGGTGCTGGCTAGTCTGTTCTCATTTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCACATTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAAGCAGGGAAACACCTGGCTGAAGTGTGATCTGTCATCAAGTATGGACATTAAAG CTACACCTAGTATACTGACTTCAAGGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCGCTCGCTGGATGGAAGATGGAGAAGAAGAACTAAAT GCCATCAGCACAACAGTTCCAAGATCCTGAAACTGAGCTCTGTACTGTTAGCAGCAAAC TGGATTCAATATGACAAACCAACCACAGCTTCATGTGTCATCAGGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGAGGCAGAGAGAGAAGAGCAATGGGAGACTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:156	Round 2 CTLA4BP 2x4-g9	ATGGGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTTGGTGCTGGCTTTCTCATTTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAGGTGGCAACGCTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCACATTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAAGCGGGAAACACCTGGCTGAAGTGTGATCTGTCATCAAGTATGGACATTAAAG CTACACCTAGTATACTGACTTCAAGGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCGCTCGCTGGATGGAAGATGGAGAAGAAGAACTAAAT GCCATCAGCACAACAGTTCCAAGATCCTGAAACTGAGCTCTGTACTGTTAGCAGCAAAC TGGATTCAATATGACAAACCAACCACAGCTTCATGTGTCATCAGGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGAGGCAGAGAGAGAAGAGCAATGGGAGACTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:157	Round 2 CTLA4BP 2x4-a6	ATGGGCCACACACGGAGGCAGGGAAACATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTTGGTGCTGGCTGGCTTTCTCATTTCTGTTCAAGGTGTTATCCACGTGACTAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCACATTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCACATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAAGCGGGAAACACCTGGCTGAAGTGTGATCTGTCATCAAGTATGGACATTAAAG CTACACCTAGTATACTGACTTCAAGGAAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCGCTCGCTGGATGGAAGATGGAGAAGAAGAACTAAAT GCCATCAGCACAACAGTTCCAAGATCCTGAAACTGAGCTCTGTACTGCTGNTAGCAGCAAAC TGGATTCAATATGACAAACCAACCACAGCTTCATGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGCAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGGTGCAGAGAGAGAAGAGCAATGGGAGACTGAGAAGGGAAAGTGT

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		ATGCCCTGTATGA
SEQ ID NO:158	Round 2 CTLA4BP 2x2-f3	ATGGGCCACACACGGAGGCAGGGAAATACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTGGTCTGGCTTCTCATTTCTCAGGTGTTATCTACGTGACCAAGGA AGTAAAGAAGTGGCAACGCTGCTGTGGTCACAATGTTCTGTAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGCTGATTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATAGGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGGGAACACCTGGCTGAAGTGACCTACGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGAAACTGAGCTCTATGCTGTAGCAGCAAC TGGATTTCATATGACAACCAACCACAGCTCATGTGTCATCAAGTATGGACATTAAAG AGCGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:159	Round 2 CTLA4BP 2x2-f12	ATGGGCCACACACGGAGGCAGGGAAACATCACCACATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTGGTCTGGCTGGCTTCTCAGGTGTTATCCACGTGACCAAGGA AGTAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGTAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGGGTGTTCTGGAGTATGAA AAAGACGCTTCAGCGGGAACACCTGGCTGAAGTGACGTTACGTCAAAGCTGACTTCC CTACACCTAGTATTAACGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGGAACTGAGCTCTACTGTTAGCAGCAAC TGGATTTCATATGACAACCAATCGCAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:160	Round 2 CTLA4BP 2x1-g8	ATGGGCTACACACGGAGGCAGGGAAACATCACCACATCCAAGTGTCCATAACCTCAATTCTTC AGCTCTGGTCTGGCTAGTCTTCTCAGGTGTTATCCACGTGACCAAGGA AGTAAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGTAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCGGGAACACCTGGCTGAAGTGACGTTACGTCAAAGCTGACTTCC CTACACCTAGTATTAACGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGGAACTGAGCTCTACTGTTAGCAGCAAC TGGATTTCATATGACAACCAATCGCAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAGAAGGAGGAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:161	Round 2 CTLA4BP 2x1-f10	ATGGGCTACACACGGAGGCAGGGAAATACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTGGTCTGGCTGGCTTCTCAGGTGTTATCCACGTGACCAAGGA AGTAAAGAAGTGGCAACGCTGCTGTGGTCACAATGTTCTGTAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGGGAACACCTGGCTGAAGTGATGTTACCGTCAAAGCTGACTTCC CTACACCTAGTATTAACGACTTGAATTCCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCGCCTGGATGGAAGATGGAGAAGAATTAAAT GCCATCAACACAAACAGTTCCAAGATCCTGGAACTGAGCTCTACTGCTTAGCAGCAAC TGGATTTCATATGACAACCAACACAGCTCATGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGTGTGATATGCTGCCTGACCT

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		ACTGCTTGCCCCAAGATGCAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:162	Round 2 CTLA4BP 2x1-c9	ATGAGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTGGTGTGGCTGGCTTTCTCACTTCTGTTCAGGGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTCTGCTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGGGAACACCTGGCTGAAGTGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTCTGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCTGGAACGACTGAGCTCTATACTGTTAGCAGCAAC TGGATTTCATATGACAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTCTGATAACCTGCTC CCATCTGGGCCATTACCTTAATCTAGCAAATGGAATTTGTGATATGCTGCTGACCT ACTGCTTGCCCCAAGATGCAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:163	Round 2 CTLA4BP 2x1-h12	ATGGGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTGGTGTGGCTGGCTTTCTCACTTCTGTTCAGGGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTCTGATGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGAGAACACCTGGCTGAAGTGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTCTGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCTGGAACGACTGAGCTCTATACTGTTAGCAGCAAC TGGATTTCATATGACAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTCTGATAACCTGCTC CCATCTAGGCCATTACCTTAATCTAGCAAATGGAATTTGTGATATGCTGCTGACCT ACTGCTTGCCCCGAGATGCAGAGAGAAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ATGCCCTGTATGA
SEQ ID NO:164	Round 2 CTLA4BP 2x1-e2	ATGGGCTACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTGGTGTGGCTTGCTTTCTCATTCTGTTCAGGGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGTCCTGTGGTCACAATGTTCTGATGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGAGAACACCTGGCTGAAGTGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTCTGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCTGGAACGACTGAGCTCTATACTGTTAGCAGCAAC TGGATTTCATATGACAACCACAGCTTCATGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTCTGATAACCTGCTC CCATCTAGGCCATTACCTTAATCTAGCAAATGGAATTTGTGATATGCTGCTGACCT ACTGCTTGCCCCGAGATGCAGAGAGAAGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACACCTGTATGA
SEQ ID NO:165	Round 2 CTLA4BP 2x1-c4	ATGGGCTACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTGGTGTGGCTGGCTTTCTCATCTCTGTTCAGGGTTATCCACGTGACTAAGGA AGTGAAGAAGTGGCAACGCTGCCCTGTGGTCACAATGTTCTGATGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGCTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGAGAACACCTGGCTGAAGTGTGATGTTATCCGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTTGAATTCACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTCTCAGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCTGGAACGACTGAGCTCTATGCTTAGCAGCAAC TGGATTTCATATGACAACCACACAACCTCATGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTCTGATAACCTGCTC

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		CCATCCTGGGCCATTACCTAATCTCAGTAAATGGAATTTTGATATGCTGCCGTACCT ACTGCTTGCCCCAAGATGCAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:166	Round 2 CTLA4BP 2x1-b12	ATGGGCCACACACGGAGGCAGGGATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTTGGTGCTGGCTGGCTTTCTCATCTCTGTTAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGTCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCCTCATCTGACGAGGGCACATACGAGTGTGTTCTGAAAGTATGAA AAAGATGCTTCAGCAGGAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGCTGGAAAATGGGAAAGAATTAAAT GCCATCAACACAACAGCTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAATCGCAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGGACATTTCCTGATAACCTACTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTCGTGATATGCTGCCGTACCT ACTGCTTGCCCCAAGATGCAGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:167	Round 2 CTLA4BP 2x2-f1	ATGGGCCACACACGGAGGCAGGGATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTTGGGCTGGCTTGCTTTCTCATTTCTGTTAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACACTGTCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCCTCATCTGACGAGGGCACATACGAGTGTGTTCTGAAAGTATGAA AAAGATGCTTCAGCGGAAACACCTGGCTGAAGTGATGTTATCCGTCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGGCTCACCTCTGGCTGGAAAATGGGAGAAGAATTAAAT GCCATCAACACAACAGCTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAATCGCAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGGACATTTCCTAATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTCGTGATATGCTGCCGTACCT ACTGCTTGCCCCAAGATGCAGAGAGAAGGAGGAATGAGACACTGAGAAGGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO:168	Round 2 CTLA4BP 5x4-h1	ATGAGGCCACACACGGAGGCAGGGATATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTTGGTGCTGGCTTGCTTTCTCATTTCTGTTAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACCGCTGTCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCCTCATCTGACGAGGGCACATACGAGTGTGTTCTGAAAGTATGAA AAAGATGCTTCAGCGGAAACACCTGGCTGAAGTGATGTTATCCGTCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGGCTCACCTCTGGCTGGAAAATGGGAGAAGAATTAAAT GCCATCAACACAACAGCTCCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAATCGCAGTTGTGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTCAACTGGAATACACCCAAAGCAAGGACATTTCCTAATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTTCGTGATATGCTGCCGTACCT ACTGCTTGCCCCAAGATGCAGAGAGAAGGAGGAATGAGACACTGAGAAGGGAAAGTGT ACACCCTGTATGA
SEQ ID NO:169	Round 2 CTLA4BP 5x4-a1	ATGGGCCACACACGGAGGCAGGGACATCACCATCCAAGTGTCCATAACCTCAAGTTCTTC AGCTCTTGGTGCTGGCTGGCTTTCTCATCTCTGTTAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACCGCTGTCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGACATGA ATATATGGCCCAGCACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATTCTGGCTCTGCCTCATCTGACGAGGGCACATACGAGTGTGTTCTGAAAGTATGAA AAAGACGCTTCAGCGGAAACACCTGGCTGAAGTGACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATACTGACTTGAATTCCAACCTCTAACATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCCAGGCTCACCTCTGGCTGGAAAATGGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCCAAGATCCTGAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTCAATATGACAACCAATCGCAGTTGTGTCATCAAGTATGGACATTAAAG

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		AGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTCCATCCTGGCCATTACCTTAATCTCAGTAAATGGAATTGGTGTGATATGCTGCCTGACCTACTGCTTGCCCCAAGATGCAGGGAGAGAAGGAGGAATGAGAGATTGAGAAGGGAAAGTGTACGCCCTGTATGA
SEQ ID NO:170	Round 2 CTLA4BP 5x2-f3	ATGAGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCATACCTCAAGTTCTTCACTCTGGCTGGCTAGTCTTCTCACCTCTGGTCAAGTGTGTTATCCACGTGACCAAGGAAGTGAAGAAGTGGCAACGCTGCTGGTACAATGTTCTGTTGAAGAGCTGGCACAAACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGCTGGGACATGAATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGTGATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAGTATGAAAGAGCTTTCAAGCGGGAAACACCTAGCTGAAGTGTGACGTTATCAGTCAAAGCTGACTTCCCTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAAATATTAGAAGGATAATTGCTCAACCTCCGAGGTTTCCAGAGCCTCACCTCTGGTGGAAAATGGAGAAGAATTAAATGCCATCAACACAAACAGCTTCCAAGATCCTGAAACTGAGCTCTATGCTTAGCAGCAAACTGGATTTCATATGACAACCAATCGCAGTTTGTTGTGTTCTCATCAAGTATGGACATTAAAGAGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTCCATCCTGGCCATTACCTTAATCTCAGTAAATGGAATTGGTGTGATATGCTGCCTGACCCACTGCTTGCCCCAAGATGCAGAGAGAGAAGAGCAATGAGAGACTGAGAAGGGAAAGTGTACGCCCTGTATGA
SEQ ID NO:171	Round 2 CTLA4BP 5x2-e12	ATGAGCCACACACGGAGGCAGGGAAATATCACCATCCAAGTGTCCGTACCTCAAGTTCTTCACTCTGGCTGGCTGGCTTTCTCATTTCTGTTCACTCTGGTCAAGTGTGTTATCCACGTGACTAAGGAAGTGAAGAAGTGGCAACACTGTCCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAAACTCGCATCCACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGCTGGGGACATGAATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGTGATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAGTATGAAAGAGCTTTCAAGCGGGAAACACCTAGCTGAAGTGTGACGTTATCAGTCAAAGCTGACTTCCCTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAAATATTAGAAGGATAATTGCTCAACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGTGGAAAATGGAGAAGAATTAAATGCCATCAGCACAACAGTTCCAAGATCCTGGAACTGAGCTCTATGCTTAGCAGCAAACTGGATTTCATATGACAACCAATCGCAGTTTGTTGTGTTCTCATCAAGTATGGACATTAAAGAGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTCCATCCTGGCCATTACCTTAATCTCAGTAAATGGAATTGGTGTGATATGCTGCCTGACCTACTGCTTGCCCCAAGATGCAGAGAGAGAAGGGAGGAATGAGAGACTGAGAAGGGAAAGTGTACGCCCTGTATGA
SEQ ID NO:172	Round 2 CTLA4BP 2x4-h11	ATGGGCCACACACGGAGGCAGGGAAACATCACCATCCAAGTGTCCATACCTCAAGTTCTTCACTCTGGCTGGCTTGCTTTCTCATTCTGTTCACTCTGGTCAAGTGTGTTATCCACGTGACTAAGGAAGTGAAGAAGTGGCAACACTGTCCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAAACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGCTGGGGACATGAATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGTGATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAGTATGAAAGAGCTTTCAAGCGGGAAACACCTGGCTGAAGTGTGATGTTATCCGTCAAAGCTGACTTCCCTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAACTTAGAAGGATAATTGCTCAACCTCTGGAGGTTTCCAGAGCCTCACCTCTGGTGGAAAATGGAGAAGAATTAAATGCCATCAACACAAACAGTTCCAAGATCCTGGAACTGAGCTCTATGCTTAGCAGCAAACTGGATTTCATATGACAACCAACCACAGCTTCTATGTTGTTCTCATCAAGTATGGACATTAAAGAGTGAATCAGACCTCAACTGGAATACACCCAAGCAAGAGCATTTCCTGATAACCTGCTCCATCCTGGCCATTACCTTAATCTCAGTAAATGGAATTGGTGTGATATGCTGCCTGGCCTACTGCTTGCCCCAAGATGCAGAGGGAGAAGGGAGGAATGAGAGACTGAGAAGGGAAAGTGTACGCCCTGTATGA
SEQ ID NO:173	Round 2 CTLA4BP 2x3-h2	ATGGGCCACACACGGAGGCAGGGAAACATCACCATCCAAGTGTCCGTACCTCAATTTCCTTCACTCTGGCTGGCTTGCTTTCTCATTCTGTTCACTCTGGTCAAGTGTGTTATCCACGTGACTAAGGAAGTGAAGAAGTGGCAACGCTGTCCTGTGGTACAATGTTCTGTTGAAGAGCTGGCACAAACTCGCATCTACTGGAAAAGGAGAAGAAAATGGTGTGACTATGATGCTGGGGACATGAATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGTGATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAGTATGAAAGAGCTTTCAAGCGAGAACACCTGGCTGAAGTGTGATGTTATCCGTCAAAGCTGACTTCCCTACACCTAGTATATCTGACTTTGAAATTCCAACCTCTAACTTAGAAGGATAATTGCTCAACCTGGAGGTTTCCAGAGCCTCGCCTGGATGGAAGATGGGGAGAAGACTAAATGCCATCAGCACAACAGTTCCAAGATCCTGGAACTGAGCTCTATGCTTAGCAGCAAAC

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		TGGATTCAATATGACAACCAACCACAGCTTCATGTGTCATCAAGTATGGACATTTAAG AGTGAATCAGACCTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCCAATCTCAGTAAGGGAAATTTGTGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGGAGAGAGAGAAAGAGCAATGAGAGACTGAGAAGGGAAAGTGT ACGCCCTGTATAG
SEQ ID NO:174	Round 2 CD28A12-5	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWRKDSKMLA ILPGKVQVWPEYKNRTITDMNDNLRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGE LVSQIFPW SKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:175	Round 2 CD28A4-5*	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTLSQDPETKLYMISSELDFNVTNNHSIVCLIKYGE LVSQIFPW SKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:176	Round 2 CD28A4-9	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGE LVSQIFPW SKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCPACRHVARWKTRRNEETVGTERL SPIYLGSQAQSRAEV PSLSX
SEQ ID NO:177	Round 2 Cd28A6-9	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGE LVSQIFPW SKPKQEPPID QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:178	Round 2 CD28A6-1	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGE LVSQIFPW SKPKQEPPID QLPFVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:179	Round 2 CD28A8-4	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGE LVSQIFPW SKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:180	Round 2 CD28A8-6	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHTSVTLSIRADFPVPSITDIGHPAPNVKIRCSASGGFPEPRLAWMEDGEE LNAVNTTVQDQLDTELYVSSELDFNVTNNHSIVCLIKYGE LVSQIFPW SKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:181	Round 2 CD28B2-8	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGE LVSQIFPW SKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:182	Round 2 CD28B4-3	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTLSQDPETKLYMISSELDFNMTSNHFLCLVKYGD LTSQTFY WQESKPTPSAN QHLTWIIIIPVSAFGISVIIAVILTCLTCRNAAIRQRRENEVEMQSCSQSP
SEQ ID NO:183	Round 2 CD28B6-3	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTLSQDPETKLYMISSELDFNMTSNHFLCLVKYGD LTSQTFY WQESKPTPSAN QHLTWIIIIPVSAFGISVIIAVILTCLTCRNAAIRQRRENEVEMQSCSQSP
SEQ ID NO:184	Round 2 CD28B6-6	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFC SGITPKS VTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA ILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGTYTCVIQK PVLKGAYKLEHLSVTLSIRADFPVPSITDIGHPAPNVKIRCSASGGFPEPRLAWMEDGE

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		ELNAVNTTVDQDLDTELYSVSSELDFNATNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIVPVSGALVLTAVVLYCLACRHVAR
SEQ ID NO:185	Round 2 CD28B8-5*	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTLSQDPGT ELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:186	Round 2 CD28C11-5	MGHTMKW GSL LPPKRPCLWPSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTVSQDPGT ELYMISSELDFNVTNNHSIA CLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:187	Round 2 CD28C6-1	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTVSQDPGT ELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:188	Round 2 CD28C7-3	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLSVRLMIRADFPVPSITDIGHPAPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:189	Round 2 CD28C8-6	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTVSQDPGT ELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:190	Round 2 CD28C9-5*	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYSTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTVSQDPGT ELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:191	Round 2 CD28C2-4	MGHTLRPGTPLPRCLHLKLCLLA LAGLHFSSGISQVTKSVKEMAALSCDYNISIDEARM RIYWQKDQQMVLSIISGVQEVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK KGAYKPEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTLSQDPETKLYMISSELDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHL TWTIIIPVSAFGISVIIAVILTCLTCRNAAIRRQRRENEVEMQSCSQSP
SEQ ID NO:192	Round 2 CD28D2-3	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTVSQDPGT ELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPIDQ PFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:193	Round 2 CD28D2-9	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTLSQDPETELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:194	Round 2 CD28D8-9	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN EELNATNTTVSQDPGT ELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:195	Round 2 CD28D11-1	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHLSVTLSIRADFPVPSITDIGHPAPNVKRIRCSASGDFPEPRLAWMEDGE EELNAVNTTVDQDLDTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPIDQ LPFWVIIILVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERL SPIYLGSQAQSSG
SEQ ID NO:196	Round 2 CD28D12-5	MGHTMKW GSL LPPKRPCLWLSQLLVL TGLFYFC SGITPK SVTK RVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA IL PGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK

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		PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHPAPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVLDTELYSVSSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPIDQLP FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:197	Round 2 CD28E10-6	MGHTMEW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTLSQDPETELYMISSLEDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:198	Round 2 CD28F7-2	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPEPRLAWMEDGE ELNAVNTTVQDQDDTELYSVSSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:199	Round 2 CD28F8-4	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTLSQDPETKLYMISSLEDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:200	Round 2 CD28F10-2	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLSVRLMIRADFPVPSITDIGHPAPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVQDQDDTELYSVSSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:201	Round 2 CD28F12-5*	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHPAPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVQDQDDTELYSVSSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:202	Round 2 CD28G2-8	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPSINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTVQDQDDTELYSVSSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:203	Round 2 CD28G1-5	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK NENGFSRREHTSVTLSIRADFPVSSITDIGHPAPNVKRIRCSASGGFPEPRLAWMEDGE LNADVNTTVQDQDDTELYSVSSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID LPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:204	Round 2 CD28G1-9	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPSITDIGHPAPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVQDQDDTELYSVSSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:205	Round 2 CD28H4-3	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTLSQDPETKLYMISSLEDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:206	Round 2 CD28H11-3	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTLSQDPETKLYMISSLEDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID QLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:207	Round 2 CD28H6-6	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLEN ATNTTVQDQDDTELYMISSLEDFNVTNNHSIVCLIKYGELSVSQIFPWSPKPQEPPID FWVIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID	Round 2	MGHTMKW GSLPPKR PCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL

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NO:208	CD28E2-4	TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDKGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:209	Round 2 CD28B4-5a	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:210	Round 2 CD28A2-5	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHPAPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDFNMTSNHSFLCLVKYGD LTSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCRNAAIRQRRENEGKCKVLSVSI GTKLFNR
SEQ ID NO:211	Round 2 CD28B4-5*	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK PDLKGAYKLEHLASVRLMIRADFPVPSITDIGHPAPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:212	Round 2 CD28D5-6	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHTSVR LMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDFNMTSNHSFLCLVKYGD LTSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCRNAAIRQRRENEVEMQSCSQSP
SEQ ID NO:213	Round 2 CD28D10-4	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHTSVTLSIRADFPVPSITDIGHPAPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:214	Round 2 CD28E2-5*	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDFNMTSNHSFLCLVKYGD LTSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCRNAAIRQRRENEVEMQSCSQSP
SEQ ID NO:215	Round 2 CD28E5-2	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLASVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDFNVTNNRSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:216	Round 2 CD28E8-6	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHTSVR LMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPETKLYMISSELDFTTSNHSFLCLVKYGD LTSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCRNAAIRQRRENEVEMQSCSQSP
SEQ ID NO:217	Round 2 CD28E9-6	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLASVR LMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTVSQDPGTELYMISSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO:218	Round 2 CD28F3-1	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHTSVR LMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENK ELNATNTTLSQDPETKLYMISSELDFNMTSNHSFLCLVKYGD LTSQTFYWQESKPTPSAN QHLTWTIIIPVSAFGISVIIAVILTCRNAAIRQRRENEVEMQSCSQSP
SEQ ID NO:219	Round 2 CD28F3-5	MGHTMKWGLPPKRCPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVVQK NENGSRREHTSVTLSIRADFPVPSITDIGHPAPNVKRIRCSASGGFPEPRLAWMEDGE ELNAVNTTVDQDLDTELYSVSSELDFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLACRHVARWKTRRNEETVGTERLSPIYLGSQAQSSG

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SEQ ID NO: 220	Round 2 CD28F3-6	MGHTMKW GSLPPKRPCLRLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYSTSTEEL TSLRIYQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PDLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFVNTNNHSIVCLIKYGELSQSIFPWSKPKQEPPID QLPFWVIIIPVSGALVLTAVVLYCLACRHVARWKRTRRNEETVGTERLSPYLGSAQSSG
SEQ ID NO: 221	Round 2 CD28F11-8	MGHTMKW GSLPPKRPCLWLSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSCDYNTSTEEL TSLRIYQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALRLSDSGTYTCVIQK PVLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFNMTSNLCLVKYGDLTQSQTFYQESKPTPSANQHL TWTIIIPVSAFGISVIIAVILTCLTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 222	Round 2 CTLA4 5x9-d10	MSHTRRQGTSPSKCPYLKFQFLVLASLSHFCGVIVHTKEVATLSCGLNVSVEELAQ TRIYWQKGKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULYE KDAFKREHHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPGTELYTVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTHCFAPCRERRRNERLRESARPV
SEQ ID NO: 223	Round 2 CTLA4 5x6-f6	MGYTRRQGTSPSKCPYLKFQFLVLASLSHFCGVIVHTKEVATLSCGHNVSVEELAQ TPIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULKYE KDAFKREHHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFNMTDRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYRFAPCRERRRNERLRESVCV
SEQ ID NO: 224	Round 2 CTLA4 5x5-h12	MGYTRRQGISPSKCPYLKFQFLVLASLSHFCGVIVHTKKVKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULKYE KDAFKREHHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNGLRRESVRPV
SEQ ID NO: 225	Round 2 CTLA4 5x5-c10	MSHTQRQGISPSKCPYLNFQFLVLASLSHFCGVIVHTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULYE KDAFKREHHLAEVTLMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AISTTWSQDPETELYAVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRESVHPV
SEQ ID NO: 226	Round 2 CTLA4 5x3-e8	MGHTRRQGTSPSKCPYLKFQFLVLAGLSHFCGVIVHTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULKYE KDAFKREHHLAEVTLMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYTVSSKLDNFNMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRESVHPV
SEQ ID NO: 227	Round 2 CTLA4 5x3-c4	MSHIRRQGISPSKCPYLNFQFLVLAACLHFCGVIVHMTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULKYE KDAFKREHHLAEVTLMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTASQDPETELYAVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLF PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRESVHPV
SEQ ID NO: 228	Round 2 CTLA4 5c3-c3	MSHTRRQGTSPSKCPYLKFQFLVLASLSHFCGVIVHMTKEVATLSCGPNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULKYE KDAFKREHHLAEVTLMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPGTELYTVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTHCFAPCRERRRNERLRESVRPV
SEQ ID NO: 229	Round 2 CTLA4 5x2-h11	MSHTRRQGISSSSKCPYLKFQFLVLAACLHFCGVIVHMTKEVATLSCGHNVSVEELAQ TRIYWQKGKKMVLTMMMSGDMNIWPECKNRTIFDITNNLSIVILALRPSDEGTYECAVLKYE KDAFKREHHLAEVTLMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYAVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERKSNERLRESVRPV
SEQ ID NO: 230	Round 2 CTLA4 5x2-d7	MGYTRRQGTSPSECPYLKFQFLVLAGLSHFCGVIVHMTKEVATLSCGLNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULKYE KDAFKREHHLAEVMLSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETGLYTVSSKLDNFNMTTNHSFMCLIYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRESVRPV
SEQ ID NO: 231	Round 2 CTLA4 5x2-b7	MSHTRRQGISPSKCPYLNFQFLVLAACLHFCGVIVHMTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVULKYE KDAFKREHHLAEVTLMSVKADFPPTPSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPGTELYTVSSKLDNFNMTANHSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL

		PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 232	Round 2 CTLA4 5x2-b1	MSHTRRQGISPSKCPYLKFFQLLVLASLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEHKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPETELYTGSSKLDNFNMTNHSFMCLIYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYCFAPRCRERRRNETLRRESVRPVWGTLKFKPXIS
SEQ ID NO: 233	Round 2 CTLA4 5x1-f1	MGHTRRQGISPSKCPYLKFFQLLVLASLSHFCGVIHVTKEVATLSCGLNVSVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEHKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLSVKADFPPTSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYTVSSKLDNFNMTANHSFVCLIKYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNETLRRESVRPV
SEQ ID NO: 234	Round 2 CTLA4 5x1-d7	MGYTRRQGTSPSKCPYLNFFQLLVLASLSHFCGVIHVTKEVATLSCGHNVPVEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTGCVVLEYE KDAFKREHLAEVMLSVKADFPPTSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETELYAVSSKLDNFNMTNHSFMCLIYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYCFAPRCRERRRNERLRRESVHP
SEQ ID NO: 235	Round 2 CTLA4 2x4-g9	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKDMMVLTMMMSGDMNIWPEYKNQTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKQEHLAEVMLSVKADFPPTSISDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AISTTVSQDPGTTELCTVSSKLDNFNMTNHSFMCLIYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVKGIFVICCLTYCFAPRGRERKSNGRLRRESVHP
SEQ ID NO: 236	Round 2 CTLA4 2x4-a6	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AISTTVSQDPETELYAXSSKLDNFNMTNHSFMCLIYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCPTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO: 237	Round 2 CTLA4 2x2-f3	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCGVIYVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLIMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTECVVLKYEK DAFKREHLAEVTLSVKADFPPTSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELNA INTTVSQDPGTTELTVSSKLDNFNMTNHSFMCLIYGHRLRVNQTFNWNTPKQEHFPDNLLP SWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO: 238	Round 2 CTLA4 2x2-f12	MGHTRRQGTSPSKCPYLKFFQLLVLAGLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTGCVVLEYE KDAFKREHLAEVMLSVKADFPPTSISDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTVSQDPETELYAVSSKLDNFNMTNHSFMCLIYGHRLRANQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 239	Round 2 CTLA4 2x1-g8	MGYTRRQGTSPSKCPYLNFFQLLVLASLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSVIVALRPSDEGTYECVVLKYE KDAFKREHLAEVTLSVKADFPPTSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTTELTVSSKLDNFNMTNRSFVCLIKYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRRNERLRRESVRPV
SEQ ID NO: 240	Round 2 CTLA4 2x1-f10	MGYTRRQGISPSKCPYLKFFQLLVLAGLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTSITDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTVSQDPGTTELAVSSKLDNFNMTNHSFMCLIYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGISVICCLTYCFAPRCRERRRNERLRRESVCPV
SEQ ID NO: 241	Round 2 CTLA4 2x1-c9	MSHTRRQGISPSKCPYLKFFQLLVLAGLSHFCGVIHVTKEVATLSCGHNVSAEELAQ TRIYWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTSITDFEIPPSNIRRIICSTSGGFPEPRLAWMEDGEELN AISTTASQDPETELYTVSSKLDNFNMTNHSFMCLIYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTHCFAPRCRERRRNERLRRESVCPV
SEQ ID NO: 242	Round 2 CTLA4 2x1-h12	MGHTRRQGISPSKCPYLKFFQLLVLAGLSHFCGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVMLSVKADFPPTSITDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTVSQDPGTTELTVSSKLDNFNMTNHSFMCLIYGHRLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTYCFAPRCRERKSNERLRRESVCPV
SEQ ID NO: 243	Round 2 CTLA4 2x1-e2	MGYTRRQGISPSKCPYLKFFQLLVLAGLSHFCGVIHVTKEVATLSCGHNVSDEELAQ TRIHWQKEKKMVLTMMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE KDAFKREHLAEVTLSVKADFPPTSISDFEIPPSNIRRIICSTSGGFPEPHLSWLENGEELN

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		AINTTWSQDPGTELYTVSSKLDNFNMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSAITLISANGIFVICCLTYCFAPCRERRRNERLRRESIHPV
SEQ ID NO: 244	Round 2 CTLA4 2x1-c4	MGYTRRQGISPSKCPYLKFQLLVLAGLSHLCGVIVHVTKEVATLPCGHNVSVEELAQ TRIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVVKYE KDAFKREHHLAEVMLSJKADFPPTSITDFEIPPSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTWSQDPGTELYAVSSKLDNFNMTTNHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRRESVRPV
SEQ ID NO: 245	Round 2 CTLA4 2x1-b12	MGHTRRQGISPSKCPYLKFQLLVLAGLSHLCGVIVHMTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVALKYE KDAFKQEHHLAEVTLSVKADFPPTSISDFEIPTSNIRRIICSTSGGFPEPRLAWMEDGEELN AINTTWSQDPETEYTVSSKLDNFNMTANHSFMCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRRESVCV
SEQ ID NO: 246	Round 2 CTLA4 2x2-f1	MGHTRRQGISPSKCPYLKFQLLGLACLSHFCGVIVHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVVKYE KDAFKREHHLAEVTLSVKADFPPTSISDFEIPTSNIRRIICSTSGGFPEPHLFWLENGEELN AINTTASQDPETEYTVSSKLDNFNMTNRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRRESVRPV
SEQ ID NO: 247	Round 2 CTLA4 5x4-h1	MSHTRRQGISPSKCPYLKFQLLVLACLSHFCGVIVHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVVKYE KDAFKRKHLAEVMLSJKADFPPTSISDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPETEYTVSSKLDNFNMTNRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNETLRRESVHPV
SEQ ID NO: 248	Round 2 CTLA4 5x4-a1	MGHTRRQGTSPSKCPYLKFQLLVLAGLSHFCGVIVHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVVKYE KDAFKREHHLAEVTLSVKADFPPTSISDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTWSQDPGTELYTVSSKLDNFNMTNRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRRESVRPV
SEQ ID NO: 249	Round 2 CTLA4 5x2-f3	MSHTRRQGISPSKCPYLKFQLLVLASLSHLFCGVIVHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMPGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVLRYE KDAFKREHHLAEVTLSVKADFPPTSISDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTASQDPETEYTVSSKLDNFNMTNRSFVCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISANGIFVICCLTHCFAPCRERKSNERLRRESVRPV
SEQ ID NO: 250	Round 2 CTLA4 5x2-e12	MSHTRRQGISPSKCPYLKFQLLVLAGLSHFCGVIVHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMSGGMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVVKYE KDAFKREHHLAEVTLSVKADFPPTSISDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AISTTWSQDPGTELYAVSSKLDNFNMTNRSFVCLIKYGHLRVNQTFNWNTTKQEHFPDNLL PSWAITLISVNGIFVICCLTYCFAPCRERRRNERLRRESVRPV
SEQ ID NO: 251	Round 2 CTLA4 2x4-h11	MGYTRRQGTSPSKCPYLKFQLLVLACLSHFCGVIVHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVLEYE KDAFKREHHLAEVMLSJKADFPPTSISDFEIPTSNIRRIICSTSGGFPEPHLSWLENGEELN AINTTWSQDPGTELYAVSSKLDNFNMTNHSMCLIKYGHLRVNQTFNWNTPKQEHFPDNLL PSWAITLISVNGIFVICCLAYCFAPCRGRNRNERLRRESVRPV
SEQ ID NO: 252	Round 2 CTLA4 2x3-h2	MGHTRRQGTSPSKCPYLNFQLLVLACLSHFCGVIVHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECSVVKYE KDAFKREHHLAEVMLSJKADFPPTSISDFEIPTSNIRRIICSTPGGFPEPRLAWMEDGEELN AISTTWSQDPGTELYAVSSKLDNFNMTNHSMCLIKYGHLRVNQTFNWNTTKQEHFPDNLL PSWAITLISVKGIFVICCLTYCFAPRWERKSNERLRRESVRPV
SEQ ID NO: 253	Round 2 CTLA4 A-H3-6	ATGGGCCACACGCTGAGGCCGGGAACCTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTGGCGCTGGCGGGCTCCACTCTCTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAAATGGCAGCACTGTCCTGTGATTACAACATTCTATCGATGAACTGGCGAGAATG CGCATATACTGGCAGAAGGACCAACAGATGGTGTGAGCAGTCATCTGGCAAGTGGAG TGTGGCCTGAGTACAAAAACGCACCTCCCGACATCATTAACAACCTCTCCCTTATGAT CCTGGCACTGCGCCTGTGGACAAGGGCACCTACACCTGCGTGGTTAGAAGAATGAGAAC GGGTCTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTCCCTG TCCCTAGCATAAATGATCTTGGAAATCCATCTCTTAATATCAGAAGGCTAATTGCTCAAC CTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGGAAAATGGAGAAGAATTAATGCT ACCAACACAACACTGTCCAAGATCCTGAAACCAAGCTCTACATGATTAGCAGTGAACCTGG ATTTCAACATGACAAGCAATCACAGCTTCTGTGTGTCAGTATGGAGACTTAACAGT GTCACAGACCTCTACTGGCAAGAACCAACCCCTCTGCTAATCAGCACCTGACC

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		TGGACCATTATTATCCCAGTCTCAGCATTGGGATTTCTGTGATCATTGCAGTTACTAA CATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAAT GCAAAGTTGCTCTCAGTCTCCATGAG
SEQ ID NO: 254	Round 2 CTLA4 A-B11-5	ATGGGTACACAAATGGAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGTGGCACCTACACCTGTGTTATCAGAAG CCTGATTGAAAGGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCACATGAGGTTAATGATCAGAGCTGAGGTTAATGATCAGAG AATTTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAATGGAGAA GAATTAATGCTACCAACACAAACACTGCCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACGGGTTCAACATGACAAGCAATCACAGCTTGTGCTTGTCAAGTATGG AGACTTAACAGTGTACAGACCTACTGGCAAGAATCCAAACCAACCCCTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGGGATTTCTGTGATCATTGAG CAGTTACTAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO: 255	Round 2 CTLA4 A-E2-6	ATGGGCCACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGTGTTGGTTAGAAG AATGAGAACGGGTTTCAGACGGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTG ACTTCCCTGCCCCACATGAGGTTAATGATCAGAGCTGAGGTTAATGATCAGAG TTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAATGGAGAA TTAAATGCTACCAACACAAACACTGCCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAACGGATTCAACATGACAAGCAATCACAGCTTGTGCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTACTGGCAAGAATCCAAACCAACCCCTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGGGATTTCTGTGATCATTGAG TTATACTAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO: 256	Round 2 CTLA4 A-F1-6	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGTGTTGGTTAGAAG AATGAGAACGGGTTTCAGACGGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAGCTG ACTTCCCTGCCCCACATGAGGTTAATGATCAGAGCTGAGGTTAATGATCAGAG TTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAATGGAGAA TTAAATGCTACCAACACAAACACTGCCCCAAGATCCTGAAACCAAGCTCTACATGATTAGCA GTGAACGGATTCAACATGACAAGCAATCACAGCTTGTGCTTGTCAAGTATGGAGA CTTAACAGTGTGCGAGACCTACTGGCAAGAATCCAAACCAACCCCTCTGCTAATCAG CACCTGACCTGGACCATTATTATCCAGTCTCAGCATTGGGATTTCTGTGATCATTGAG TTATACTAACATGCCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAGATGCAAAGTTGCTCTCAGTCTCCATAG
SEQ ID NO: 257	Round 2 CTLA4 A-F6-9	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTC AGCTCTGGTGCTCACTGGCTTTTACTTCAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGCTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCG TATTGTGATCCTGGCTCTGGCCTGCGACAGGGCACCTACACCTGTGTTATCAGAAG CCTGATTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTAATGATCAGAG CTGACTTCCCTGCCCCACATGAGGTTAATGATCAGAGCTGAGGTTAATGATCAGAG AATTTGCTCAACCTCTGGAGGTTTCCAAGGCCCCACCTCTACTGGTTGGAAATGGAGAA GAATTAATGCTACCAACACAAACACTGCCCCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACGGATTCAACATGACAAGCAATCACAGCTTGTGCTTGTCAAGTATGG

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		AGACTTAACAGTGTACAGACCTTCTACTGGCAAGAATCCAAACCAACCCCTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCCAGTCTCAGCATTGGGATTCTGTGATCATTG CAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAA TGAAGTGGAAATGCAAAGTTGCTCTCAGTCATGA
SEQ ID NO:258	Round 2 CTLA4 A-H4-5*	ATGGGTACACACAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAAGCTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCGCTGCGACAAGGGCACCTACACCTGCCTGGGTTAGAAG AATGAGAACGGTCTTTAGCAGGGGACCTGACCTCCGGTACACTGTCCATCAGAGCTG ACTTCCCTGTCCTACCATAAATGATCTGAAATCCATCTCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGAAAATGGAGAAGAA TTAAATGCTACCAACACAAACTGTCCAAGATCTGAAACCAAGCTCTACATGATTAGCA GTGAACGGATTCAACATGACAAGCAATCACAGCTTGTGCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTCTACTGGCAAGAATCCAACCAACCCCTCTGTAATCAG CACCTGACCTGGACCATTATTATCCCGTCTCAGCATTGGGATTCTGTGATCATTGAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCATCCATAG
SEQ ID NO:259	Round 2 CTLA4 A-B4-6	ATGGATCACACACAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAAGCTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCGCTGCGACAAGGGCACCTACACCTGCCTGGGTTAGAAG AATGAGAACGGTCTTTAGCAGGGGACCTGACCTCCGGTACACTGTCCATCAGAGCTG ACTTCCCTGTCCTACCATAAATGATCTGAAATCCATCTCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGAAAATGGAGAAGAA TTAAATGCTACCAACACAAACTGTCCAAGATCTGAAACCAAGCTCTACATGATTAGCA GTGAACGGATTCAACATGACAAGCAATCACAGCTTGTGCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTCTACTGGCAAGAATCCAACCAACCCCTCTGTAATCAG CACCTGACCTGGACCATTATTATCCCGTCTCAGCATTGGGATTCTGTGATCATTGAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCATCCATAG
SEQ ID NO:260	Round 2 CTLA4 A-F10-1	ATGGGTACACACAATGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGGCCACTGGCTTTTACTTCTGTTAGGTATCACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAAGCTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCGCTGCGACAAGGGCACCTACACCTGCCTGGGTTAGAAG AATGAGAACGGTCTTTAGCAGGGGACCTGACCTCCGGTACACTGTCCATCAGAGCTG ACTTCCCTGTCCTACCATAAATGATCTGAAATCCATCTCTAATATCAGAAGGCTAAT TTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGAAAATGGAGAAGAA TTAAATGCTACCAACACAAACTGTCCAAGATCTGAAACCAAGCTCTACATGATTAGCA GTGAACGGATTCAACATGACAAGCAATCACAGCTTGTGCTTGTCAAGTATGGAGA CTTAACAGTGTACAGACCTCTACTGGCAAGAATCCAACCAACCCCTCTGTAATCAG CACCTGACCTGGACCATTATTATCCCGTCTCAGCATTGGGATTCTGTGATCATTGAG TTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGA AGTGGAAATGCAAAGTTGCTCTCAGTCATCCATAG
SEQ ID NO:261	Round 2 CTLA4 A-G8-1	ATGGGTACACAGTGAAGTGGGATCACTACCACCCAAGCGCCCATGCCTCTGGCTCTCTC AGCTCTTGGTGCTCACTGGCTTTTACTTCTGTTAGGCATACCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACACACATCCACTGAAGAAGCTG ACAAGCCTCGGATCTATTGGCAAAAGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAA AAGTGCAGGTGTGGCTGAGTACAAGAACCGCACCACACTGACATGAACGATAACCCCCG TATTGTGATCTGGCTCTGCCCTGCGACAAGGGCACCTACACCTGTGTTATTAGAAG CCTGATTGAAAGGGCTTATAAACTGGAGCACCTGACTTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCTACCATAAATGATCTGAAATCCATCTCTAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCACCTCTACTGGTTGAAAATGGAGAAG GAATTAAATGCTACCAACACAAACTGTCCAAGATCTGAAACCAAGCTCTACATGATTA

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		GCAGTGAACGGATTCAACATGACAAGCAATCACAGCTCTTGTCTGTCAAGTATGGAGACTTAACAGTGTACAGACCTTCACTGGCAAGAACCAACCCCTGCTGTAATCAGCACCTGACCTGGACCATTATTATCCCAGTCAGCATTGGGATTCTGTGATCATTGAGTTATACTAACATGCCTGACCTGCAGAAATGCTGCAATACGCAGACAGAGAAGGGAGAATGAAGTGGAAATGCAAAGTGTCTCATGCTCCATGA
SEQ ID NO: 262	Round 2 CTLA4 A-C9-9	ATGGGTACACAAATGAAGTGGGATCACTACCACCCAAGCGCCATGCCCTGGCTCTCTCAGCTCTGGTGCCTACTGGCTTTTACTTCTGTTAGGCATCCCCAAAGAGTGTGACCAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAGCACATCCACTGAAGAACTGACAAGCCTCGGATCTATTGGCAAAAGGGATAGTAAAATGGTGTGGCCATCCTGCCTGGAAAGTGAGGTGTGGCTGAGTACAAAAACCGCACCTCCCCGACATCATTAACAAACCTCTCCTTATGATCCTGGCACTGGCCTGTCGGACAGGGGACCTACACCTGCGTGGTCAAGAAGAATGAGAACGGGTCTTCAGACGGGAGCACCTGACCTCCGTGACACTGTCCATCAGAGCTGACTTCCTGTCCCCAGTCATACTGACATTGGACATCCC GCCCTAATGTGAAAAGGATAAGATGCTCCGCCTCTGGAGGTTTCCAGAGCCTGCCCGCCTGGATGGAAGATGGAGAAGAACAAACGCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTCTACAGCGTCGGCA GTGAACGGATTCAATGTGACAAATAACCACAGCATCGTGTGTCTCATCAAATACGGGAGCTGTCGGTGTACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCCATTGATCAGCTTCCATTCTGGGTCAATTATCCCAGTAAGTGGTGTCTGGTGTCACTGCGTAGTTCTACTGCCTGGCCCCAGACATGTTGCGAGGTGGAAAAGAACAAAGAAGGAAATGAAGAGACAGTGGAACTGAAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGAG
SEQ ID NO: 263	Round 2 CTLA4 A-H3-6	MGHTLRPGTPLPRCLHLKLCLLALAGLHFSSGISQVTKSVKEMAALSCDYNISIDELARMRIYWQKDQQMVLISIISGQVEWPEYKNRTFPDIINNLSLMILALRLSDKGTYTCVVQKNEGSFRREHLSVTLSIRADFPVPSINDGNPSPNIRRLICSTSGGFPRPHLYWLENGEELNA TNTTLSQDPETKLYMISSLEDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHWTIIIPVSAFGISVIIAVILTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 264	Round 2 CTLA4 A-B11-5	MGHTMEWGSLLPPKRPLWLSQLLVLTGLFYFCGIGTPKSATKRVKETVMSCDYNTSTEELTSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVIALRLSDSGTYTCVIQK PDLKGAYKLEHLSVRLMIRADFPVPTINDLNPNPSPNIRRLICSTSGGFPRPHLYWLENGEELNATNTTLSQDPETKLYMISSLEDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHLTWTIIIPVSAFGISVIIAVILTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 265	Round 2 CTLA4 A-E2-6	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCGIGTPKSATKRVKETVMSCDYNTSTEELTSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVIALRLSDSGTYTCVVQK NENGSSFRREHLSVTLSIRADFPVPTINDLNPNPSPNIRRLICSTSGGFPRPHLYWLENGEELNATNTTLSQDPETKLYMISSLEDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHLTWTIIIPVSAFGISVIIAVILTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 266	Round 2 CTLA4 A-F1-6	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCGIGTPKSATKRVKETVMSCDYNTSTEELTSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVIALRLSDSGTYTCVVQK NENGSSFRREHLSVTLSIRADFPVPTINDLNPNPSPNIRRLICSTSGGFPRPHLYWLENGEELNATNTTLSQDPETKLYMISSLEDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHLTWTIIIPVSAFGISVIIAVILTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 267	Round 2 CTLA4 A-F6-9	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCGIGTPKSATKRVKETVMSCDYNTSTEELTSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVIALRLSDSGTYTCVVQK PDLKGAYKLEHLSVRLMIRADFPVPTINDLNPNPSPNIRRLICSTSGGFPRPHLYWLENGEELNATNTTLSQDPETKLYMISSLEDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHLTWTIIIPVSAFGISVIIAVILTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 268	Round 2 CTLA4 A-H4-5*	MGHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCGIGTPKSATKRVKETVMSCDYNTSTEELTSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVIALRLSDSGTYTCVVQK NENGSSFRREHLSVTLSIRADFPVPTDIGHPAPNVKRIRCSASGGFPEPRLYWLENGEELNATNTTVSQDPGTELYMISSLEDFNVTNNHSIVCLIYGELSVSQIFPWSKPKQEPPIDQLPFWVIIPVSGALVLTAVVLYCLACRHVARWKTRRRNEETVGTERLSPYLGSAQSSG
SEQ ID NO: 269	Round 2 CTLA4 A-B4-6	MDHTMKWGSLLPPKRPLWLSQLLVLTGLFYFCGIGTPKSATKRVKETVMSCDYNTSTEELTSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVIALRLSDSGTYTCVVQK NENGSSFRREHLSVTLSIRADFPVPTINDLNPNPSPNIRRLICSTSGGFPRPHLYWLENGEELNATNTTLSQDPETKLYMISSLEDFNMTSNHSFLCLVKYGDLTVSQTFYWQESKPTPSANQHLTWTIIIPVSAFGISVIIAVILTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 270	Round 2 CTLA4 A-F10-1	MGHTMKWGSLLPPKRPLWLSQLLVPTGLFYFCGIGTPKSATKRVKETVMSCDYNTSTEELTSLRIYWQKDSKMLA1LPGKVQVWPEYKNRTITDMNDNPRIVIALRLSDSGTYTCVVQK NENGSSFRREHLSVTLSIRADFPVPTINDLNPNPSPNIRRLICSTSGGFPRPHLYWLENGEELNATNTTLSQDPETKLYMISSLEDFNMTSNHSFLCLVKYGDLTVSQTLYWQESKPTPSANQ

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		HLWTWIIIIPVSAFGISVIIAVILTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 271	Round 2 CTLA4 A-G8-1	MGHTVKWGLPPKRPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTITDMNDNPRIVILALPLSDSGTYCIVIQK PDLKGAYKLEHLSVRLMIRADFPVPTINDLGNPSPNIRRLICSTSGGFPRPHLYWLENGE ELNATNTTLSQDPETKLYMISSELDNFNMTSNHSFLCLVKYGDLSVQTFYQESKPTPSAN QHLWTWIIIIPVSAFGISVIIAVILTCRCAAIRQRRENEVEMQSCSQSP
SEQ ID NO: 272	Round 2 CTLA4 A-C9-9	MGHTMKWGLPPKRPCLWSQLLVLTGLFYFCSGITPKSVTKRVETVMLSCDYNTSTEEL TSLRIYWQKDSKMLAILPGKVQVWPEYKNRTFPDIINNLMLALRLSDRGTYCIVVQK NENGSSRREHLSVTLSIRADFPVPSITDIGHPAPNVKRIRCSASGGFPEPRLAWMEDGEE LNAVNTTVQDQLDTELYSVGSELDNFNVTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPIDQ LPFWVIIIPVSGALVLTAVVLYCLARRHVARWKTRRRNEETVGTERLSPIYLGSQAQSSG
SEQ ID NO: 273	Human B7-1	ATGGGCCACACACGGAGGCAGGAACATCACCATCCAAGTGTCCATACCTCAATTCTTTC AGCTCTTGGTGCTGGCTGGCTTTCTCACTTCTGTTCACTTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACTAATAACCTCTCCATTGT GATCCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGACGCTTCAGCGGGAACACCTGGCTGAAGTGAACGTTATCAGTCAAAGCTGACTTCC CTACACCTAGTATATCTGACTTGAATTCAACCTCTAAATATTAGAAGGATAATTGCTC AACCTCTGGAGGTTTCTGAGCCTCACCTCTGGCTGGAAAATGGAGAAGAATTAAAT GCCATCAACACAACAGTTCCAAGATCCTGAAACTGAGCTCTATGCTTAGCAGCAAAC TGGATTTCATATGACAACCAACCAGCTTCAAGTGTCTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTTCAACTGGAATACAACCAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTACCTTAATCTCAGTAAATGGAATTGGATATGCTGCCTGACCT ACTGCTTGCCCCAAGATGCAAGAGAGAGAAGGGAGATTGAGAGATTGAGAAGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 274	Rhesus B7-1	ATGGGCCACACACGGAGGCAGGAATATCACCATCCAAGTGTCCATACCTCAAGTCTTTC AGCTCTTGGTGCTGGCTTGCTTTCTCATTCTGTTCACTTCTGTTCAAGGTGTTATCCACGTGACCAAGGA AGTGAAGAAGTGGCAACGCTGTCCTGTGGTCACAATGTTCTGTTGAAGAGCTGGCACAA ACTCGCATCTACTGGCAAAGGAGAAGAAAATGGTGTGACTATGATGTCTGGGGACATGA ATATATGGCCCAGTACAAGAACCGGACCATCTTGATATCACAAATAACCTCTCCATTGT GATTCTGGCTCTGCGCCCATCTGACGAGGGCACATACGAGTGTGTTCTGAAGTATGAA AAAGATGCTTCAGCGGGAACACCTGGCTGAAGTGTGTTATCCGTCAGTCAAAGCTGACTTCC CTACACCTAGTATAACTGACTCTGAAATTCCACCTCTAACTTAGAAGGATAATTGCTC AAACTCTGGAGGTTTCCAGAGCCTCACCTCTGGTTGGAAAATGGAGAAGAATTAAAT GCCATCAGCACAACAGTTCCAAGATCCTGAAACTGAGCTCTATACTGTTAGCAGCAAAC TGGATTTCATATGACAACCAATCACAGTTCATGTCATCAAGTATGGACATTAAAG AGTGAATCAGACCTTCAACTGGAACACACCCAAAGCAAGAGCATTTCCTGATAACCTGCTC CCATCCTGGGCCATTATCCTTAATCTCAGTAAATGGAATTGGATATGCTGCCTGACCT ACTGTTTGCCCCAAGGTGCAGAGAGAGAAGAAGGAAATGAGACATTGAGAAGGAAAGTGT ACGCCCTGTATGA
SEQ ID NO: 275	Bovine B7-1 (cow)	ATGGGTACACAAATGAAGTGGGAACACTACCACCCAAGGCCCATGCCCTGGCTCTC AGCTCTTGGTGCTCACTGGCTTTTACTCTGTTCAAGGCATCCCCAAAGAGTGTGAC CAAAGAGTGAAGAACAGTAATGCTATCCTGTGATTACAACACATCCACTGAAGAACTG ACAAGCCTCGGATCTATTGGCAAAGGATAGTAAATGGTGTGGCCATCCTGCCTGGAA AAAGTGCAGGTGTGGCCTGAATACAAGAACCGCACCACACTGACATGAACGATAACCCCCG CATTGTGATCCTGGCTCTGCGCCTGTCGGACAGTGGCACCTACACCTGTGTTATTCAGAAG CCTGATTGAAAGGGCTTATAAAACTGGAGCACCTGACTCCGTGAGGTTATGATCAGAG CTGACTTCCCTGTCCCTACCATAATGATCTTGAAATCCATCTCCTAAATATCAGAAGGCT AATTGCTCAACCTCTGGAGGTTTCCAAGGCCCACCTCTACTGGTTGGAAAATGGAGAA GAATTAAATGCTACCAACACAACACTGCTTCAAGATCCTGAAACCAAGCTCTACATGATTA GCAGTGAACCTGGATTTCACATGACAAGCAATCACAGCTTCTGTGCTTGCAAGTATGG AGACTTAACAGTGTACAGACCTCTACTGGCAAGAATCCAAACCAACCCCTCTGCTAAT CAGCACCTGACCTGGACCATTATTATCCAGTCAGCATTTGGGATTCTGTGATCATTG CAGTTATAACTAACATGCCTGACCTGCAAGAAATGTCAGCAATACGCAAGACAGAGAAGGGAGAA TGAAGTGGAAATGGAAGTTGCTCTCAGTCTCA
SEQ ID NO: 276	Rabbit B7-1	ATGGGCCACACGCTGAGGCCGGAACTCCACTGCCAGGTGTCTACACCTCAAGCTCTGCC TGCTCTGGCGCTGGCGGGCTCCACCTCTCTCAGGTATCAGCCAGGTACCAAGTCGGT GAAAGAAATGGCAGCACTGTCCTGTGATTACAACATTCTATCGATGAACTGGCGAGAATG

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		CGCATATACTGGCAGAAGGACCAACAGATGGTGCAGCATCATCTGGCAAGTGGAAAGTGTGGCTGAGTACAAGAACCGCACCTCCCCGACATCATTAAACAAACCTCTCCCTTATGATCCTGGACTGCCTGTCGGACAAGGGCACCTACACCTCGTGACTGTCATCAGAGCTGACTTCCCTGTCCTAGCATAACTGACATTGGACATCCCACCTAATGTGAAAAGGATAAGATGCTCCGCCTCTGGAGGTTTCCAGAGCCTCGCCTGGATGGAAGATGGAGAAGAACTAACGCCGTCAACACGACGGTTGACCAGGATTGGACACGGAGCTTACAGCGTCAGCAGTGAACGGAAATTCAATGTGACAAATAACCACAGCAGTCAGTGTCTCATCAAATACGGGGAGCTGCGGTGTCACAGATCTCCCTGGAGCAAACCCAAGCAGGAGCCTCCATTGATCAGCTCCATTCTGGGTATTATCCCAGTAAGTGGTGCCTTGGTGCCTACTGCGTAGTTCTACTGCCTGCCAGACATGTTGAGGTGGAAAAGAACAAAGAAGGAATGAAGAGACAGTGGAACTGAAGGCTGTCCCCATCTACTTAGGCTCTGCGCAATCCTCGGGCTGA
SEQ ID NO: 277	Cat B7-1	ATGGGTACGCAGCAAAGTGGAAAACACCAACTACTGAAGGCACCCATATCCAAAGCTCTTCCGCTCTTGTGACTGCTAGCTAGTCTTTTACTTCTGTTAGGTATCATCCAGGTGAACAAGACAGTGGAAAGAAGTAGCAGTACTATCCTGTGATTACAACATTCCACCAAAGAACGTACGGAAATTCAATCTATTGGAAAAGGATGATAAGTGGTGTGGCTGTCTGTCTGGAAAGTACAAAGTGTGGCCCAAGTACAAGAACCGCACATTCACTGACGTACCGATAACCAACTCCATTGTGATCATGGCTCTGCGCCTGTGACAGACAATGGCAAATAACACTGTATTATTCAAAGATTGAAAAAGGGTCTTACAAAGTGAACACACTGACTTCGGTGATGTTATTGGTCAAGAGCTGACTTCCCTGTCCTAGTATAACTGATCTTGGAAATCCATCTCATAACATCAAAGGATAATGTGCTTAACTCTGGAGGTTTCCAAGCCTCACCTCTGGCTGGAAAATGAAGAAGAATTAAATGCCATCAACACAAACAGTTCCCAAGATCCTGAAACTGAGCTCTACACTATTAGCAGTGAACTGGATTTCATATGACAAACAACCATAGCTTCTGTGTCAAGTATGGAAACTTACTAGTACAGATCTCACTGGAAAATCAGAGCCACAGCCTCTAATAATCAGCTCTGGATCATTATCCTGAGCTCAGTAGTAAGTGGATTGTTGTGATCACTGACTTACCTTAAGATGCCTAGTCCACAGACCTGTCAGGAGACAAAGAGAAATGGGAGAGCGCGGAAATGAAAAAGATCTCACCTGTACATAGATTCTGCAGAACCAACTGTATGCAGAGCATCTGGAGGTAGCCTCTTAGCTCTACTAG
SEQ ID NO: 278	Human B7-1 (signal sequence underline d)	<u>MGHTRRQGTSPSKCPYLNFQLLVLAGLSHFCSGVIHVTKEVATLSCGHNVSVEELAQ</u> TRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGYECVVLKYE KDAFKREHLAEVTL SVKA DFT PTPSISDFEIPTSNIRRIICSTSGGFPEPHLSWLEN EELNATNTTLSQDPETELYTVSSKLDNFNMTNHSFMCLIKYGLRVNQTFWNNTPKQEHPDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRNRERLRESVRPV
SEQ ID NO: 279	Rhesus B7-1	MGHTRRQGISPSKCPYLNFKFQLLVLA CLSHLC SGVIHVTKEVATLSCGHNVSVEELAQ TRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGYECVVLKYE KDAFKREHLAEVML SVKA DFT PTPSITDFEIPPSNIRRIICSTSGGFPEPHLSWLEN EELNATNTTLSQDPETELYTVSSKLDNFNMTNHSFMCLIKYGLRVNQTFWNNTPKQEHPDNLL PSWAITLISVNGIFVICCLTHCFAPRCRERRNRERLRESVRPV
SEQ ID NO: 280	Bovine B7-1	MGHTMKWGLSPPKRPLWLSQLLVLTGFLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKD SKMVL A IL PGK VQW PEY KNRT IT DMDN PRIVI AL RL SDG TYC VI QK PDLKGAYKLEH L TS VRL MIRAD F PVPT IN DLGNP SPN IR R L IC ST SGG F PR PH LY W L E N G E E LN AT NT T L S Q D P E T E L Y T I S S E L D F N M T S N H S F L C L V K Y G D L T V S Q T F Y W Q E S K P T P S A N QH LT WT III P V S A F G I S V I A V I L T C L T C R N A A I R Q R R E N E V E M Q S C S Q S P
SEQ ID NO: 281	Rabbit B7-1	MGHTLRPGTPLPRCLHLKLCLLALAGLFSSG ISQVTKSVKEMAALSCDYNISIDE L A R M RIYWQKD QQMVLSIISGQV EVWPEYKNRTFPDIINNL SLM I AL RL SDG TYC VI QK GSFRREH L TS VTL SIRAD F PVPSITDIGHPAPNVKRIRCSASGGFPEPRLAWMEDGEELNA VNTTVDQDLDTELYVSSELDFNVTNNHSIVCLIKYGELSVSQI FPWSKPKQEP PID QLPF WVII P V S G A L V L T A V V L Y C L A C R H V A R W K R T R R N E E T V G T E R L S P I Y L G S A Q S S G
SEQ ID NO: 282	Cat B7-1	MGHA AKWKTPLLKHPYPKLFPLMLASLFYFCSGIIQVNKTVEEVAVLSCDYNISTKELTE IRIYWQKDDEMVLAVMSGKVQWPKYKNRTFTDVTDNHSIVIMALRLSDNGKYTCI IQKIE KGSYKVHLTSVMLLVRADFPVPSITD LGNP SPN IR R L IC ST SGG F PR PH LY W L E N G E E LN AT NT T V S Q D P D T E L Y M I S S E L D F N M T N H S F L C L V K Y G N L L V S Q I F N W Q K S E P Q P S N N Q L W III LSSVVSGIVVITALTLRCLVHRPAARWRQREMGRARKWKRSHLST
SEQ ID NO: 283	CD28BP Consensus	MGHTMKWGLSPPKRPLWLSQLLVLTGFLFYFCSGITPKSVTKRVKETVMLS CDYNTSTEEL TSLRIYWQKD SKMVL A IL PGK VQW PEY KNRT IT DMDN PRIVI AL RL SDG TYC VI QK PVLKGAYKLEH L AS VRL MIRAD F PVPT IN DLGNP SPN IR R L IC ST SGG F PR PH LY W L E N G E E LN AT NT T V S Q D P D T E L Y M I S S E L D F N V T N N H S I V C L I K Y G E L S V S Q I F P W S K P K Q E P P I D QLPFWVII P V S G A L V L T A V V L Y C L A C R H V A R W K R T R R N E E T V G T E R L S P I Y L G S A Q S S G
SEQ ID	CD28BP	MGHTMXWXSLPPKXPCLXXXQLLVLTXYFCSGITPKSVTKRVKETVMLS CDYXTSTE XL

NO: 284	CGformC	TSLRIYWVKDSKMLA1LPGKVQWPEYKNRTITDMNDNXRIVIXALRXSDXGTYTCVXQK PXLKGAYKLEHLXSVRLMIRADFPVPXXXDLGNPSPNIRRLICSSXXGFPRLWXLEN ELNATNTTXSQDPXTLYMISSELXFVNNTNNXSIXCLIKYGELVSQSIFPWSKPKQEPPID QLPFVIIIPVSGALVLXAXVLYXXACRHARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 285	CD28BP CG1c	MGHTMKWRSLPPKRPLWPSQLLVTDLFYFCSGITPKSVTKRVKETVMLSODYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQWPEYKNRTITDMNDNPRIHALRPSDKGTYTCVVQK PVLKGAYKLEHLXSVRLMIRADFPVPTINDLGPNPSPNIRRLICSTSGGFPRPHLCWLEN ELNATNTTVSQDPGTELYMISSELGFVNNTNNHSIACLIKYGELSVSQIFPWSKPKQEPPID QLPFVIIIPVSGALVLAAVLYRPACRHARWKTRRNEETVGTERLSPIYLGSAQSSG
SEQ ID NO: 286	CTLA4BP Consensus	MGHTRRQGIPSCKCPYLFFQLLVLA CLSHFCSGVIHVTKEVATLSCGHNVSVEELAQ TRIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECCVVLKYE KDAFKREHLAEVMLS VKADFPTPSISDFEIPPSNIRRIICSTSGGFPEPHLSWLEN GEELNAINTTVSQDPETELYTVSSKLDNFNMTANHSFMC LIKYGHLRVNQTFNWNTPKQEHPDNLL PSWAITLISVNGIFVICCLTYCFAPRCRERRNERLRESVRPV
SEQ ID NO: 287	CTLA4BP CGform	MGHTRRQGTPXKCPYLFFQLLVXA CLXHLC SGVIHVTXEVKEVATLSCGLNVSVEELAQ TRIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECCVVLKYX KDAFKRXH LAEVMLS VKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLEN GEELNAINTTVSQDPETLYTVSSKLDNFNMTANHSFMC LIKYGHLRVNQTFNWNTPKQEHPXNLL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCV
SEQ ID NO: 288	CTLA4BP CG1	MGHTRRQGTPPEC PLYKFFQLLVMACLPHLC SGVIHVTREVKEVATLPCGLNVSVEELAQ TPIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECCVVLKYD KDAFKQKH LAEVMLS VKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFGLE NCEEIN AINTTVSQDPETGLYTVSSKLDNFNMTADHNFMCLIRYGH L RVNQTFNWNTPKQEHPFNNPL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCV
SEQ ID NO: 289	CTLA4BP CG2	MGHTRRQGTPSKCKCPYLFFQLLVLA CLSHLC SGVIHVTKEVATLSCGLNVSVEELAQ TRIHWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECCVVLKYE KDAFKREHLAEVMLS VKADFPTPSITDFEIPPSNIRRIICSTSGGFPEPHLFWLEN GEELNAINTTVSQDPETELYTVSSKLDNFNMTANHSFMC LIKYGHLRVNQTFNWNTPKQEHPDNLL PSWAITLISANGIFVICCLTYRFAPRCRERKSNETLRRESVCV
SEQ ID NO: 290	CD28BP CGformD	MGHTMKWGS LPPKRPLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMXSCDYXXSTEEL TSLRIYWQKDSKMLA1LPGKVQWPEYKNRTITDMNDNPRIHALRLSDXGTYTCVXQK XXXXGXXXXEHLXSVXLXIRADFPVPSITDIGHPAPNVKRIRCSASGXFPEPRLAWMEDGE ELNAVNTTVXXXLDTELYSVSSELDNXNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVIIIXVSGALVLTAVVLYCLACRHVAR
SEQ ID NO: 291	CD28BP CG1d	MGHTMKWGS LPPKRPLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSODYNASTEEL TSLRIYWQKDSKMLA1LPGKVQWPEYKNRTITDMNDNPRIHALRLSDSGTYTCVIQK PVLKGAYKLEHLASVRLMIRADFPVPSITDIGHPAPNVKRIRCSASGDFPEPRLAWMEDGE ELNAVNTTVQDQDLDTELYSVSSELDNSVNTNNHSIVCLIKYGELSVSQIFPWSKPKQEPPID QLPFVIIILVSGALVLTAVVLYCLACRHVAR
SEQ ID NO: 292	CD28BP CGformB	MGHTMKWGX LPPKRPLWSQLLVLTGLFYFCSGXTPKSVTKRVKETVMLSODYXTSTEEL TSLRIYWQKDSKMLA1LPGKVQWPEYKNRTITDMNDNPRIHALRXLSDSGTYTCVIQK PXLKGAYKLEHLXSVRLMIRADFPVPTINDLGPNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTXSQDPETKLYMISSELDFNXTSNXXLCLVKYGDLTVSQFYWQESKPTPSAN QH LTWTIIIPVSAFGISVIIIAVILTCR NAAIRRQRRENEVXMXSCSQSP
SEQ ID NO: 293	CD28BP CG1b	MGHTMKWGT LPPKRPLWSQLLVLTGLFYFCSGITPKSVTKRVKETVMLSODYNTSTEEL TSLRIYWQKDSKMLA1LPGKVQWPEYKNRTITDMNDNPRIHALRLSDSGTYTCVIQK PDLKGAYKLEHLTSVRLMIRADFPVPTINDLGPNPSPNIRRLICSTSGGFPRPHLYWLEN ELNATNTTLSQDPETKLYMISSELDFNMTSNHSFLCLVKYGDLTVSQFYWQESKPTPSAN QH LTWTIIIPVSAFGISVIIIAVILTCR NAAIRRQRRENEVXMXSCSQSP